Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Sharada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

EMB

"FIRST AND PART BILL"

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Sharada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

PRE-MEASUREMENT SHEETS

"FIRST AND PART BILL"

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Item No	Discription of Item	Detailed Measurements							
		No	Length	B1	B2	Avg. Breadth	Depth	Qty	Unit
2	Dismantling of **cement concrete pavement** by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatel (V-III Page No.10, Item No.2.19 of PWD SR 2021-22)								
	CC Road Opposite to School Building								
		1	1.70	1.90	1.90	1.90	0.25	0.81	
		1	5.00	1.90	1.57	1.74	0.25	2.17	
		1	8.00	1.57	1.35	1.46	0.25	2.92	
		1	2.30	1.35	1.15	1.25	0.25	0.72	
		1	6.50	1.00	0.80	0.90	0.25	1.46	
		1	5.00	0.80	0.60	0.70	0.25	0.88	
		1	5.30	0.60	0.45	0.53	0.25	0.70	
	School Building Side								
		1	5.5	1.20	1.50	1.35	0.25	1.86	
		1	15.5	1.50	1.25	1.38	0.25	5.33	
	Cross Rd-1								
		1	3.00	1.60	2.20	1.90	0.20	1.14	
		1	10.00	2.20	2.40	2.30	0.20	4.60	
		1	10.00	2.40	2.10	2.25	0.20	4.50	
		1	10.00	2.10	3.00	2.55	0.20	5.10	
		1	10.00	3.00	1.70	2.35	0.20	4.70	
		1	10.00	1.70	1.80	1.75	0.20	3.50	
		1	11.50	1.80	2.00	1.90	0.20	4.37	
	Cross Rd-2								
		1	11.4	2.00	2.00	2.00	0.20	4.56	
							Present Qty	**49.30**	**Cum**

Asst Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

NEWZEN CONSULTANT Bangalore

Contractor

Asst Assistant Engineer

Asst Executive Engineer,

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 06-09-2022, 08-09-2022, 09-09-2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting &						
	Ward No-02						
	CC Drain Opposite to School Building						
	Ch: 0.00m to 19.00m	1	19.00	0.90	0.90	15.39	
	Ch: 19.00m to 36.40m	1	17.40	0.90	0.90	14.09	
	Cross Rd-1						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.90	24.30	
	Ch: 30.00m to 60.00m	1	30.00	0.90	0.90	24.30	
	Ch: 60.00m to 61.50m	1	1.50	0.90	0.90	1.22	
	Jp Colony Main Road						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.90	29.70	
	Ch: 30.00m to 35.50m	1	5.50	0.95	0.90	4.70	
	Ch: 35.50m to 57.50m	1	22.00	1.10	0.90	21.78	
	Ch: 57.50m to 87.50m	1	30.00	1.10	0.90	29.70	
	Ward No-03						
	RCC Drain						
	Shivamandira Road (From Vishal Mart Upto SWD)						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.30	1.00	39.00	
	Ch: 30.00m to 60.00m	1	30.00	1.30	1.00	39.00	
	Ch: 60.00m to 74.40m	1	14.40	1.30	1.00	18.72	
	Ch: 74.40m to 79.20m	1	4.80	1.30	1.00	6.24	
	Ch: 79.20m to 109.20m	1	30.00	1.30	1.00	39.00	
	Ch: 109.20m to 139.20m	1	30.00	1.30	1.00	39.00	
	Ch: 139.20m to 169.20m	1	30.00	1.30	1.00	39.00	
	Ch: 169.20m to 199.20m	1	30.00	1.40	1.00	42.00	
	Ch: 199.20m to 229.20m	1	30.00	1.40	1.00	42.00	
	Ch: 229.20m to 232.40m	1	3.20	1.40	1.00	4.48	
	Ch: 232.40m to 244.70m Culvert Gap		12.30				

Executive Engg. Yelahanka Sub. Div. BBMP Ynk. Zone Yelahanka, Bang

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	West Side						
	Ch: 0.00m to 20.00m	1	20.00	0.90	0.85	15.30	
	Ch: 20.00m to 21.00m	1	1.00	0.90	0.85	0.77	
	Ch: 21.00m to 37.30m	1	16.30	0.90	0.85	12.47	
	Ch: 37.30m to 40.60m	1	3.30	0.90	0.85	2.52	
	Ch: 40.60m to 43.00m Gate	1	2.40	0.90	0.85	1.84	
	Ch: 43.00m to 52.50m	1	9.50	0.90	0.85	7.27	
	Ch: 52.50m to 64.50m	1	12.00	0.90	0.85	9.18	
	Ch: 64.50m to 76.00m	1	11.50	0.90	0.85	8.80	
	North Side						
	Ch: 0.00m to 8.20m	1	8.20	0.90	0.85	6.27	
	Ch: 8.20m to 12.00m	1	3.80	0.90	0.85	2.91	
					Present Qty	**7205.97**	**Cum**

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 12-09-2022, 14-09-2022, 16-09-2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.						
	Ward No-02						
	CC Drain Opposite to School Building						
	Ch: 0.00m to 19.00m	1	19.00	0.90	0.15	2.57	
	Ch: 19.00m to 36.40m	1	17.40	0.90	0.15	2.35	
	Cross Rd-1						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	Ch: 60.00m to 61.50m	1	1.50	0.90	0.15	0.20	
	Jp Colony Main Road						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 35.50m	1	5.50	0.95	0.15	0.78	
	Ch: 35.50m to 57.50m	1	22.00	1.10	0.15	3.63	
	Ch: 57.50m to 87.50m	1	30.00	1.10	0.15	4.95	
	School Building						
	For Sump Tank	1	3.76	3.16	0.20	2.38	
	For Footings						
	C1	3	2.25	2.25	0.20	3.04	
	C2	7	2.00	2.00	0.20	5.60	
	C3	7	1.50	1.50	0.20	3.15	
	For SSM						
	Long Wall	2	12.90	0.60	0.15	2.32	
	Long Wall	1	15.30	0.60	0.15	1.38	
		2	1.70	0.45	0.15	0.23	
	Staircase Back wall	1	2.40	0.60	0.15	0.22	
	Short Wall	3	7.00	0.60	0.15	1.89	
		2	5.32	0.60	0.15	0.96	
	Staircase Side wall	1	4.35	0.60	0.15	0.39	
	Deduct Coloumn	-10	0.30	0.15	0.15	-0.07	
		-7	0.45	0.15	0.15	-0.07	

C & E

A.E.E

Contractor

NEWZEN CONSULTANT Bangalore — Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore.

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
		1	7.60	1.80			0.15	2.05	
	Vidhana soudha Grill								
	For SSM								
	near Krishnam oil mill								
	West Side								
	Ch: 0.00m to 20.00m	1	20.00	0.90			0.15	2.70	
	Ch: 20.00m to 21.00m	1	1.00	0.90			0.15	0.14	
	Ch: 21.00m to 37.30m	1	16.30	0.90			0.15	2.20	
	Ch: 37.30m to 40.60m	1	3.30	0.90			0.15	0.45	
	Ch: 40.60m to 43.00m Gate	1	2.40	0.90			0.15	0.32	
	Ch: 43.00m to 52.50m	1	9.50	0.90			0.15	1.28	
	Ch: 52.50m to 64.50m	1	12.00	0.90			0.15	1.62	
	Ch: 64.50m to 76.00m	1	11.50	0.90			0.15	1.55	
	North Side								
	Ch: 0.00m to 8.20m	1	8.20	0.90			0.15	1.11	
	Ch: 8.20m to 12.00m	1	3.80	0.90			0.15	0.51	
	For Shoulder Kerb								
		79	2.40	0.60			0.10	11.38	
		53	3.00	0.60			0.10	9.54	
		33	1.60	0.60			0.10	3.17	
	For Cobble Stone								
	Vending Zone Near Krishna Oil Mill(Road side Pathway)								
	Ch: 0.00m to 30.00m	1	30.00	1.70	2.00	1.85	0.15	8.33	
	Ch: 30.00m to 48.50m	1	18.50	2.00	2.00	2.00	0.15	5.55	
	Ch: 48.50m to 53.30m	1	4.80	2.00	2.00	2.00	0.15	1.44	
	Ch: 53.30m to 79.00m	1	25.70	2.00	2.00	2.00	0.15	7.71	
	Ch: 79.00m to 91.10m	1	12.10	1.20	1.40	1.30	0.15	2.36	
	Ch: 91.10m to 93.70m	1	2.60	3.20	2.60	2.90	0.15	1.13	
	Between Center Pathway								
	Ch: 0.00m to 22.50m	1	22.50	1.00	3.30	2.15	0.15	7.26	
	Ch: 22.50m to 52.50m	1	30.00	4.50	10.70	7.60	0.15	34.20	
	Ch: 52.50m to 71.00m	1	18.50	10.70	11.50	11.10	0.15	30.80	
	Deduction Of Tree Guard	-2	0.80	1.00			0.15	-0.24	
		-4	1.00	1.00			0.15	-0.60	
		-2	1.40	1.40			0.15	-0.59	
		-2	1.20	1.20			0.15	-0.43	
		-3	1.20	1.00			0.15	-0.54	
		-1	1.40	1.20			0.15	-0.25	
		-1	2.70	1.50			0.15	-0.61	
	Deduction Of Shoulder	-2	1.20	0.60			0.15	-0.22	
							Present Qty	**1130.21**	**Cum**

Contractor

NEWZEN CONSULTANTS Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 15-09-2022, 17-09-2022, 20-09-2022

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) (PWD SR 2021-22 Vol -I Pg 17 item no 2.4.2)						
	Ward No-02						
	CC Drain Opposite to School						
	Raft						
	Ch: 0.00m to 19.00m	1	19.00	0.60	0.15	1.71	
	Ch: 19.00m to 36.40m	1	17.40	0.60	0.15	1.57	
	Cross Rd-1						
	Ch: 0.00m to 30.00m	1	30.00	0.60	0.15	2.70	
	Ch: 30.00m to 60.00m	1	30.00	0.60	0.15	2.70	
	Ch: 60.00m to 61.50m	1	1.50	0.60	0.15	0.14	
	Jp Colony Main Road						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 35.50m	1	5.50	0.75	0.15	0.62	
	Ch: 35.50m to 57.50m	1	22.00	0.90	0.15	2.97	
	Ch: 57.50m to 87.50m	1	30.00	0.90	0.15	4.05	
	Opposite to School Building						
	Ward No-03						
	RCC Drain Raft						
	Shivamandira Road (From Vishal Mart Upto SWD)						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.20	0.15	5.40	
	Ch: 30.00m to 60.00m	1	30.00	1.20	0.15	5.40	
	Ch: 60.00m to 74.40m	1	14.40	1.20	0.15	2.59	
	Ch: 74.40m to 79.20m	1	4.80	1.20	0.15	0.86	
	Ch: 79.20m to 109.20m	1	30.00	1.20	0.15	5.40	
	Ch: 109.20m to 139.20m	1	30.00	1.20	0.15	5.40	
	Ch: 139.20m to 169.20m	1	30.00	1.20	0.15	5.40	
	Ch: 169.20m to 199.20m	1	30.00	1.20	0.15	5.40	
	Ch: 199.20m to 229.20m	1	30.00	1.20	0.15	5.40	

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Judicial Layout						
		1	7.30	1.20	0.20	1.75	
		1	7.00	1.20	0.20	1.68	
	Kaveri Park						
		1	8.10	1.50	0.20	2.43	
		1	8.00	1.50	0.20	2.40	
	Matru Layout						
		1	7.00	1.50	0.20	2.10	
		1	7.30	1.20	0.20	1.75	
	Muneshwara Layout						
		1	6.40	1.20	0.20	1.54	
	RCC Culvert Wall						
	Shivandira Road						
		2	12.30	0.23	0.60	3.39	
		2	8.50	0.23	0.60	2.35	
		2	4.90	0.23	0.60	1.35	
		2	6.60	0.23	0.60	1.82	
		2	5.50	0.23	0.60	1.52	
		2	8.00	0.23	0.60	2.21	
		2	6.20	0.23	0.45	1.28	
		2	7.00	0.23	0.45	1.45	
	Judicial Layout						
		2	7.30	0.23	0.45	1.51	
		2	7.00	0.23	0.45	1.45	
	Kaveri Park						
		2	8.10	0.23	0.45	1.68	
		2	8.00	0.23	0.45	1.66	
	Matru Layout						
			7.00	0.23	0.45	1.45	
			7.30	0.23	0.40	1.34	
	Muneshwara Layout						
		2	6.40	0.23	0.50	1.47	
						1943.75	
	Road Side Corner Concrete						
		15	1.50	1.20	0.23	6.21	
		20	1.20	1.00	0.23	5.52	
						11.73	
	For SSM Culvert Bed Concrete						
	Matru Layout						
		1	6.10	0.60	0.20	0.73	
		1	8.00	0.60	0.20	0.96	
		1	7.60	0.60	0.20	0.91	
						2.60	
					Present Qty	**1958.08**	**Cum**

Contractor

NEWZEN CONSULTANT Bangalore

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 13-09-2022, 15-09-2022, 16-09-2022

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200 (PWD SR 2021-22 Vol -III Pg 99 item no 13.1)							
	Ward No-02							
	Total Length of Drain=36.40m							
	Opposite to School Building							
	Main and Distribution bar 10mm dia bar at 125mm C/c							
	10mm dia bar=0.61Kg/m							
	No of U Bar=291		291	1.50		0.61	266.27	
			12	36.40		0.61	266.45	
	Total Length of Drain=61.50m							
	Cross Rd-1							
	Main and Distribution bar 10mm dia bar at 125mm C/c							
	10mm dia bar=0.61Kg/m							
	No of U Bar=492		492	1.50		0.61	450.18	
			12	61.50		0.61	450.18	
	Total Length of Drain=87.50m							
	Jp Colony Main Road							
	Main and Distribution bar 10mm dia bar at 125mm C/c							
	10mm dia bar=0.61Kg/m							
	No of U Bar=460		460	2.00		0.61	561.20	
			12	87.50		0.61	640.50	
	Ward No-03							
	RCC Drain							
	Shivamandira Road (From Vishal Mart Upto SWD)							
	LHS							
	Total Drain Length=600.70m							
	Main Bar 10mm dia @125mm c/c							
	d=0.61kg/m							
	Distrubution Bar 10mm dia @140mm c/c							
	d=0.61kg/m							
	No of U Bars=5005		5005	2.80		0.61	8548.54	

Contractor

NEWZEN CONSULTANTS Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Corner Concrete							
	Main Bar 12mm dia @150mm c/c							
	d=0.89kg/m							
	Distrubution Bar 10mm dia @150mm c/c							
	d=0.61kg/m							
	No of U Bars=560	15	20	1.20		0.89	320.40	
	No of distrubution Bars=11	15	12	1.50		0.61	164.70	
	Corner Concrete							
	Main Bar 12mm dia @150mm c/c							
	d=0.89kg/m							
	Distrubution Bar 10mm dia @150mm c/c							
	d=0.61kg/m							
	No of U Bars=560	20	16	1.00		0.89	284.80	
	No of distrubution Bars=11	20	10	1.20		0.61	146.40	
							118703.32	
						Present Qty	**118.70**	**Tn**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 11-10-2022, 13-10-2022, 14-10-2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
11	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (SR, 2021-22 Vol-2, Sl No 5.4, , P No: 09)						
	Ward No-02						
	School Building						
	For SSM						
	Long Wall	2	12.90	0.60	0.75	11.61	
	Long Wall	1	15.30	0.60	0.75	6.89	
		2	1.70	0.60	0.45	0.92	
	Staircase Back wall	1	2.40	0.60	0.75	1.08	
	Short Wall	3	7.00	0.60	0.75	9.45	
		2	5.32	0.60	0.75	4.79	
	Staircase Side wall	1	4.35	0.60	0.75	1.96	
	Deduct Coloumn	-10	0.30	0.15	0.75	-0.34	
		-7	0.45	0.15	0.75	-0.35	
	Ward No-03						
	For SSM near Krishnam oil mill						
	1st Step						
	West Side						
	Ch: 0.00m to 20.00m	1	20.00	0.75	0.40	6.00	
	Ch: 20.00m to 21.00m	1	1.00	0.75	0.40	0.30	
	Ch: 21.00m to 37.30m	1	16.30	0.75	0.40	4.89	
	Ch: 37.30m to 40.60m	1	3.30	0.75	0.40	0.99	
	Ch: 40.60m to 43.00m Gate	1	2.40	0.75	0.40	0.72	
	Ch: 43.00m to 52.50m	1	9.50	0.75	0.40	2.85	
	Ch: 52.50m to 64.50m	1	12.00	0.75	0.40	3.60	
	Ch: 64.50m to 76.00m	1	11.50	0.75	0.40	3.45	
	North Side						
	Ch: 0.00m to 8.20m		8.20	0.75	0.40	2.46	
	Ch: 8.20m to 12.00m		3.80	0.75	0.40	1.14	
	2nd Step						
	West Side						
	Ch: 0.00m to 20.00m	1	20.00	0.60	0.55	6.60	
	Ch: 20.00m to 21.00m	1	1.00	0.60	0.55	0.33	

Asst. Executive Engineer Yelahanka Sub. Divison (BBMP Ynk. Zn) Yelahanka Bangalore

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 21.00m to 37.30m	1	16.30	0.60	0.55	5.38	
	Ch: 37.30m to 40.60m	1	3.30	0.60	0.60	1.19	
	Ch: 40.60m to 43.00m Gate	1	2.40	0.60	0.60	0.86	
	Ch: 43.00m to 52.50m	1	9.50	0.60	0.55	3.14	
	Ch: 52.50m to 64.50m	1	12.00	0.60	0.60	4.32	
	Ch: 64.50m to 76.00m	1	11.50	0.60	0.65	4.49	
	North Side						
	Ch: 0.00m to 8.20m	1	8.20	0.60	0.70	3.44	
	Ch: 8.20m to 12.00m	1	3.80	0.60	0.35	0.80	
	For SSM Culvert						
	Matru Layout						
		2	6.10	0.45	0.45	2.47	
		2	8.00	0.45	0.45	3.24	
		2	7.60	0.45	0.40	2.74	
					Present Qty	**101.39**	**Cum**

Contractor

NEWZEN CONSULTANT ★ Bangalore ★ Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 02-11-2022, 04-11-2022, 07-11-2022

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
14	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead						
	Ward No-03						
	For Kerb						
	Shivamandira Road (From Vishal Mart Upto SWD)						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.20	0.10	0.60	
	Ch: 30.00m to 60.00m	1	30.00	0.20	0.10	0.60	
	Ch: 60.00m to 74.40m	1	14.40	0.20	0.10	0.29	
	Ch: 74.40m to 79.20m	1	4.80	0.20	0.10	0.10	
	Ch: 79.20m to 109.20m	1	30.00	0.20	0.10	0.60	
	Ch: 109.20m to 139.20m	1	30.00	0.20	0.10	0.60	
	Ch: 139.20m to 169.20m	1	30.00	0.20	0.10	0.60	
	Ch: 169.20m to 199.20m	1	30.00	0.20	0.10	0.60	
	Ch: 199.20m to 229.20m	1	30.00	0.20	0.10	0.60	
	Ch: 229.20m to 232.40m	1	3.20	0.20	0.10	0.06	
	Ch: 232.40m to 244.70m Culvert Gap		12.30				
	Ch: 244.70m to 258.20m	1	13.50	0.20	0.10	0.27	
	Ch: 258.20m to 262.30m	1	4.10	0.20	0.10	0.08	
	Ch: 262.30m to 277.00m	1	14.70	0.20	0.10	0.29	
	Ch: 277.00m to 280.50m Gap		3.50				
	Ch: 280.50m to 306.20m	1	25.70	0.20	0.10	0.51	
	Ch: 306.20m to 314.70m Culvert Gap		8.50				
	Ch: 314.70m to 322.30m	1	7.60	0.20	0.10	0.15	
	Ch: 322.30m to 342.80m	1	20.50	0.20	0.10	0.41	
	Ch: 342.80m to 352.50m Gap		9.70				
	Ch: 352.50m to 365.00m	1	12.50	0.20	0.10	0.25	

NEWZEN CONSULTANTS Bangalore

Contractor | Consultant | Asst. Engineer | Asst. Exec. Engineer

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
		25	1.60	0.20	0.10	0.80	
		14	1.20	0.20	0.10	0.34	
		26	3.60	0.20	0.10	1.87	
	For Shoulder Kerb						
		79	2.40	0.20	0.10	3.79	
		53	3.00	0.20	0.10	3.18	
		33	1.60	0.20	0.10	1.06	
	For Shoulder Kerb Inside						
		79	2.40	0.20	0.10	3.79	
		53	3.00	0.20	0.10	3.18	
		33	1.60	0.20	0.10	1.06	
	For SSM Culvert						
	Matru Layout						
		2	6.10	0.45	0.15	0.82	
		2	8.00	0.45	0.15	1.08	
		2	7.60	0.45	0.15	1.03	
	For SSM near Krishnam oil mill						
	Coping						
	West Side						
	Ch: 0.00m to 20.00m	1	20.00	0.65	0.10	1.30	
	Ch: 20.00m to 21.00m	1	1.00	0.65	0.10	0.07	
	Ch: 21.00m to 37.30m	1	16.30	0.65	0.10	1.06	
	Ch: 37.30m to 40.60m	1	3.30	0.65	0.10	0.21	
	Ch: 40.60m to 43.00m Gate	1	2.40	0.65	0.10	0.16	
	Ch: 43.00m to 52.50m	1	9.50	0.65	0.10	0.62	
	Ch: 52.50m to 64.50m	1	12.00	0.65	0.10	0.78	
	Ch: 64.50m to 76.00m	1	11.50	0.65	0.10	0.75	
	North Side						
	Ch: 0.00m to 8.20m	1	8.20	0.65	0.10	0.53	
	Ch: 8.20m to 12.00m	1	3.80	0.65	0.10	0.25	
					Present Qty	**135.33**	**Cum**
					Limited Qty	**91.40**	**Cum**
					Reserved Qty	**43.93**	**Cum**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 28/10/21

Detailed Measurements

Item No	Discription of Item	No	Length	B1	B2	Avg. Breadth	Depth	Qty	Unit
19	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriageof mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (For Grading -V Material)								
	CC Road Opposite to School Building								
		1	1.70	1.90	1.90	1.90	0.15	0.48	
		1	5.00	1.90	1.57	1.74	0.15	1.30	
		1	8.00	1.57	1.35	1.46	0.15	1.75	
		1	2.30	1.35	1.15	1.25	0.15	0.43	
		1	6.50	1.00	0.80	0.90	0.15	0.88	
		1	5.00	0.80	0.60	0.70	0.15	0.53	
		1	5.30	0.60	0.45	0.53	0.15	0.42	
	School Building Side								
		1	5.5	1.20	1.50	1.35	0.15	1.11	
		1	15.5	1.50	1.25	1.38	0.15	3.20	
	Cross Rd-1								
		1	3.00	1.60	2.20	1.90	0.15	0.86	
		1	10.00	2.20	2.40	2.30	0.15	3.45	
		1	10.00	2.40	2.10	2.25	0.15	3.38	
		1	10.00	2.10	3.00	2.55	0.15	3.83	
		1	10.00	3.00	1.70	2.35	0.15	3.53	
		1	10.00	1.70	1.80	1.75	0.15	2.63	
		1	11.50	1.80	2.00	1.90	0.15	3.28	
	Cross Rd-2								
		1	11.4	2.00	2.00	2.00	0.15	3.42	
	Deduct	-1	33	0.60	0.60	0.60	0.15	-2.97	
							Present Qty	**31.48**	**Cum**

CC Rd

A.E.E

Contractor

NEWZEN CONSULTANTS Bangalore Consultants

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamar Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Y Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 28/10/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
26	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (PWD SR 2021-22 Vol-III Page No.3, Item No.1.4A)						
	Qty from Item No-02		49.30	1.40		69.02	
	Qty from Item No-03		7205.97	1.28		9223.65	
					Present Qty	**9292.67**	**Cum**

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 02/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	B1	B2	Avg. Breadth	Depth	Qty	Unit
28	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm,aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing. MORTH Specification No. 601								
	CC Road Opposite to School Building								
		1	1.70	1.90	1.90	1.90	0.15	0.48	
		1	5.00	1.90	1.57	1.74	0.15	1.30	
		1	8.00	1.57	1.35	1.46	0.15	1.75	
		1	2.30	1.35	1.15	1.25	0.15	0.43	
		1	6.50	1.00	0.80	0.90	0.15	0.88	
		1	5.00	0.80	0.60	0.70	0.15	0.53	
		1	5.30	0.60	0.45	0.53	0.15	0.42	
	School Building Side								
		1	5.5	1.20	1.50	1.35	0.15	1.11	
		1	15.5	1.50	1.25	1.38	0.15	3.20	
	Cross Rd-1								
		1	3.00	1.60	2.20	1.90	0.15	0.86	
		1	10.00	2.20	2.40	2.30	0.15	3.45	
		1	10.00	2.40	2.10	2.25	0.15	3.38	
		1	10.00	2.10	3.00	2.55	0.15	3.83	
		1	10.00	3.00	1.70	2.35	0.15	3.53	
		1	10.00	1.70	1.80	1.75	0.15	2.63	
		1	11.50	1.80	2.00	1.90	0.15	3.28	
	Cross Rd-2								
		1	11.4	2.00	2.00	2.00	0.15	3.42	
	Deduct	-1	33.00	0.60	0.60	0.60	0.15	-2.97	
							Present Qty	**31.48**	Cum

C&FC

Ramesh A.E.E

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
61	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates For Footing & Plinth Beam (SR, 2021-22						
	School building						
	Plinth Beam						
	Long Wall	2	12.90	0.30	0.30	2.322	
	Long Wall	1	15.30	0.30	0.30	1.377	
	Staircase Back wall	1	2.40	0.30	0.30	0.216	
	Short Wall	3	7.00	0.30	0.30	1.89	
	--do--	2	5.30	0.30	0.30	0.954	
	--do-- Staircase Side wall	1	5.40	0.30	0.30	0.486	
					Present Qty	**7.25**	**Cum**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
93	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm and down size graded crushed coarse aggregates for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (Page no-15, Item No-2.2.2.1 of PWD SR 2021-22).						
	School Building						
	For Footings						
	C1	3	1.95	1.95	0.45	5.13	
	C2	7	1.70	1.70	0.35	7.08	
	C3	7	1.20	1.20	0.35	3.53	
	Column up to Plinth Beam lvl	10	0.30	0.45	0.80	1.08	
		7	0.15	0.45	0.80	0.378	
	Sump						
	For Sump Tank Bottom Slab	1	3.76	3.16	0.15	1.78	
	for Walls	2	3.46	0.23	1.80	2.86	
	--do--	2	2.40	0.23	1.80	1.99	
	For Sump Tank Top Slab	1	3.76	3.16	0.20	2.38	
					Present Qty	26.21	Cum

Contractor

NEWZEN CONSULTANTS Bangalore Ksh Consultant

Asst.Engineer

Asst.Exec.Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Ro Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelah Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
93	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.						
	School building Ground Floor						
	For Flooring Varandah	1	14.77	1.60	0.15	3.54	
	Class Room	1	7.20	5.30	0.15	5.69	
					Present Qty	**9.23**	**Cum**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

NEWZEN CONSULTANT Bangalore Consultant

Contractor | Assistant Engineer | Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Rc Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 o Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
94	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)						
	School Building						
	Column Above Plinth Beam lvl	10	0.3	0.45	2.85	3.85	
		7	0.15	0.45	2.85	1.35	
	Deduct Lintel height	-10	0.30	0.45	0.48	-0.65	
		-7	0.15	0.45	0.48	-0.23	
					Present Qty	**4.32**	**Cum**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst.Engineer

Asst.Exec.Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
95	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (-Ground Floor Beams and Slab						
	School building Ground Floor						
	Roof Beam						
	Longer span Long Wall	2	12.90	0.30	0.30	2.32	
	Long Wall	1	15.30	0.30	0.30	1.38	
	Staircase Back wall	1	2.40	0.30	0.30	0.22	
	Shorter Span Short Wall	5	7.45	0.30	0.30	3.35	
	Staircase Side beam	1	5.40	0.30	0.15	0.24	
	RCC Roof Slab	1	12.90	7.60	0.15	14.71	
	Staircase						
	Waist slab	1	3.30	1.10	0.15	0.54	
		1	3.60	1.10	0.15	0.59	
		1	2.40	1.20	0.15	0.43	
	Rise & treads	0.5X18	1.10	0.30	0.10	0.30	
	Lintel						
	Longer span Long Wall	2	12.90	0.20	0.20	1.03	
	Long Wall	1	15.30	0.15	0.20	0.46	
	Staircase Back wall	1	2.40	0.20	0.20	0.10	
	Shorter Span Short Wall	5	7.45	0.20	0.20	1.49	
	Staircase Side beam	1	5.40	0.20	0.20	0.22	
	Chajja						
	for W	3	2.10	0.45	0.08	0.21	
					Present Qty	**27.59**	**Cum**
					Limited To	**24.13**	**Cum**

A.E.E

Contractor

NEWZEN CONSULTANTS Pvt. Ltd. Consultant

Asst.Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Anvith Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
97	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, qualify confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (Page no-17,Vol-1, Item No-2.5.2 of PWD SR 2021-22) - First Floor Beams and Slab						
	School Building first Floor						
	Roof Beam						
	Longer span Long Wall	2	12.90	0.30	0.30	2.32	
	Long Wall	1	15.30	0.30	0.30	1.38	
	Staircase Back wall	1	2.40	0.30	0.30	0.22	
	Shorter Span Short Wall	5	7.45	0.30	0.30	3.35	
	Staircase Side beam	1	5.40	0.30	0.30	0.49	
	RCC Roof Slab	1	12.90	7.60	0.15	14.71	
	Staircase	1	2.40	4.75	0.15	1.71	
	Rise & treads	0.5X20	1.10	0.30	0.15	0.45	
	Lintel						
	Longer span Long Wall	2	12.90	0.20	0.30	1.55	
	Long Wall	1	15.30	0.15	0.30	0.69	
	Staircase Back wall	1	2.40	0.20	0.30	0.14	
	Shorter Span Short Wall	5	7.45	0.20	0.30	2.24	
	Staircase Side beam	1	5.40	0.20	0.30	0.32	
	Chajja						
	for W	4	2.10	0.45	0.08	0.28	
					Present Qty	**29.84**	**Cum**
					Limited To	**23.94**	**Cum**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

A.E.E

Contractor

NEWZEN CONSULTANT BANGALORE

Consultant

Asst.Engineer

Asst.Exec.Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahan Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
98	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) .- Terrace Floor						
	School Building						
	Column Above First Floor lvl	1	0.30	0.45	2.10	0.28	
		3	0.15	0.45	2.10	0.43	
					Present Qty	**0.71**	**Cum**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
(BBMP Ynk. Zn),
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
98	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) .- Terrace Floor						
	School Building						
	Column Above First Floor lvl	1	0.30	0.45	2.10	0.28	
		3	0.15	0.45	2.10	0.43	
					Present Qty	0.71	Cum

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
Yelahanka Sub Divison
(BBMP Ynk. Zn),
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
99	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) - Terrace Floor						
	School Building						
	Column Above First Floor lvl	9	0.30	0.45	0.75	0.91	
		4	0.15	0.30	0.75	0.14	
					Present Qty	**1.05**	**Cum**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yha. Zn.)
Asst. Executive Engineer,
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 29/09/21

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
101	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications-First Floor						
	Block Work-First Floor						
	Long Wall	2	12.90		2.85	73.53	
	--do-- Staircase Back wall	1	2.40		2.85	6.84	
	Toilet Walls	2	1.75		3.15	11.03	
	Short Wall	4	5.07		2.85	57.80	
	--do-- Staircase side wall	1	4.50		2.85	12.83	
	Verandah Front wall						
		1	2.40		1.00	7.40	
		1	2.80		1.00	7.80	
	Deduct Openings						
	D	-2	1.05		2.10	-4.41	
	D1	-1	0.75		2.10	-1.58	
	W	-4	1.8		1.20	-8.64	
	W1	-1	1.05		1.20	-1.26	
	V	-1	0.6		0.60	-0.36	
	Deduct Openings						
	Coloumn	-10	0.3		2.85	-8.55	
	CG	-1	1.8		2.40	-4.32	
	D	-2	1.05		2.10	-4.41	
	D1	-3	0.75		2.10	-4.73	
	W	-4	1.8		1.20	-8.64	
	V	-4	0.6		0.60	-1.44	
	Deduct Lintel						
	Long Wall	-2	12.9		0.15	-3.87	
	Short Wall	-2	5.70		0.15	-1.71	
					Present Qty	**123.31**	**Sqm**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor | Consultant | Asst.Engineer | Asst.Exec.Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 29/09/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
102	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.Terrace Floor						
	MS Grill for Verandah Front wall	1	2.90		1.00	7.90	
		1	2.80		1.00	7.80	
		1	2.50		1.00	7.50	
		1	2.40		1.00	7.40	
	Terrace Plastering						
	Front wall	2	15.1		0.75	22.65	
		1	7.30		0.75	5.48	
		1	1.60		0.75	1.20	
	Head Room	1	2.40		2.10	5.04	
		1	0.30		2.10	0.63	
		1	3.00		2.10	6.30	
					Present Qty	**71.90**	Sqm

C&FC

Ramanjeevaish
A.E.E

Ramanjeevaish
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

NEWZEN CONSULTANT Bangalore

Contractor Consultant Asst.Engineer Asst.Exec.engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 20/10/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
104	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.						
	First Floor Rough Plastering						
	Verandah wall	1	12.67		2.90	36.74	
		1	12.67		1.00	12.67	
		1	14.77		0.35	5.17	
	Toilet	2	1.65		2.90	9.57	
	Stair case Wall	1	5.40		2.95	15.93	
		1	3.80		2.95	11.21	
		1	2.00		2.95	5.90	
	Deduction of Openings						
	D	-2	1.05		2.10	-4.41	
	D1	-1	0.75		2.10	-1.58	
	W	-1	1.80		1.20	-2.16	
	W1	-1	1.05		2.10	-2.21	
	V	-1	0.60		0.55	-0.33	
					Present Qty	**86.51**	Sqm

C&FC
Ramaseevah
A.E.E

Ramasayeevah
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

NEWZEN CONSULTANT Bangalore

Contractor Consultant Asst.Engineer Asst.Exec.Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Sharada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
115	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with cement primer after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge (Item No 8.25,Vol-2, Page no 45 of PWD SR 2021-22) -First Floor						
	First Floor Plastering						
	Ceiling	1	14.77	1.60		23.63	
	Classroom1	1	6.10	5.30		32.33	
	Classroom2	1	6.05	5.30		32.07	
	Verandah wall	1	12.67		2.90	36.74	
		1	12.67		1.00	12.67	
		1	14.77		0.35	5.17	
	Class Room1	2	6.10		2.90	35.38	
		2	5.30		2.90	30.74	
	Class Room2	2	6.05		2.90	35.09	
		2	5.30		2.90	30.74	
	Toilet	2	1.65		2.90	9.57	
	Stair case Wall	1	5.40		2.95	15.93	
		1	3.80		2.95	11.21	
		1	2.00		2.95	5.90	
	Deduction of Openings						
	D	-2	1.05		2.10	-4.41	
	D1	-1	0.75		2.10	-1.58	
	W	-4	1.80		1.20	-8.64	
	W1	-1	1.05		2.10	-2.21	
	V	-1	0.60		0.55	-0.33	
					Present Qty	**300.01**	**Sqm**

Ramarajeevish
A.E.E

Ramarajeevish
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

NEWZEN CONSULTANT
Bangalore

Contractor Consultant Asst. Engineer Asst. Executive Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Roa Matru Layout, Sharada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
116	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge (Item No 8.51,Vol-2, Page no 50 of PWD SR 2021-22)						
	School Building						
	Head Room	1	2.00		2.10	4.20	
		2	0.30		2.10	1.26	
		2	3.00		2.10	12.60	
						18.06	Sqm

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP) Yelahanka,
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Sharada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
147	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (Page no-84, Item No-11.32 of PWD SR 2021-22).							
	For Footings							
	C1,F1							
	12# 16mm dia bar bothways							
		3	24	2.15		1.58	244.58	
	C2,F2							
	9# 16mm dia bar bothways	7	18	1.90		1.58	378.25	
	C3,F3							
	9# 16mm dia bar bothways	7	14	1.40		1.58	216.78	
	For Coloumn							
	C1,							
	8# 16mm dia bar	3	8	6.65		1.52	242.592	
	Stirrups 150mmC/c =6.05/.15=40Nos	3	40	1.30		0.39	60.84	
	C-hook	3	40	0.20		0.39	9.36	
	C2							
	8# 16mm dia bar	7	8	6.65		1.52	566.048	
	Stirrups 150mmC/c =6.05/.15=40Nos	7	40	1.30		0.39	141.96	
	C-hook	7	40	0.20		0.39	21.84	
	C3,F3							
	6# 16mm dia bar	7	6	6.65		1.52	424.536	
	Stirrups 150mmC/c =6.05/.15=40Nos	7	40	1.30		0.39	141.96	
	For Plinth Beam							
	PB1=7.45Mtr							
	3#20mm dia bar	5	3	7.75		2.46	285.98	
	3#16mm dia bar	5	3	7.75		1.52	176.70	
	Stirrups 150mmC/c	5	50	1.5		0.39	146.25	
	PB2=13.00Mtr							
	6#16mm dia bar	1	6	13.3		1.52	121.30	
	Stirrups 150mmC/c	1	86	1.50		0.39	50.31	
	PB2=15.00Mtr							
	6#16mm dia bar	1	6	15.3		1.52	139.54	
	Stirrups 150mmC/c	1	100	1.50		0.39	58.50	
	PB2=2.40Mtr							
	6#16mm dia bar	1	6	2.7		1.52	24.62	
	Stirrups 150mmC/c	1	16	1.50		0.39	9.36	

Ramesh
A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

NEWZEN CONSULTANTS Bangalore
Consultant

Asst.Engineer

Asst.Exec.Engineer

		1	86.00	7.45		0.39	249.87	
	Extra bar	3	50.00	1.90		0.61	173.85	
		2	86.00	1.90		0.61	199.35	
		2	86.00	1.35		0.61	141.64	
						Present Qty	**6635.93**	KG

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst.Engineer

Asst.Exec.Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
148	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (Page no-84, Item No-11 32 of PWD SR 2021-22)							
	For Coloumn							
	C1,							
	8# 16mm dia bar	3	8	3.30		1.52	120.384	
	Stirrups 150mmC/c =6.05/.15=40Nos	3	22	1.30		0.39	33.46	
	C-hook	3	22	0.20		0.39	5.15	
	C2							
	8# 16mm dia bar	7	8	3.30		1.52	280.896	
	Stirrups 150mmC/c =6.05/ 15=40Nos	7	22	1.30		0.59	78.08	
	C-hook	7	22	0.20		0.39	12.01	
	C3,F3							
	6# 16mm dia bar	7	6	3.30		1.52	210.672	
	Stirrups 150mmC/c =6.05/.15=40Nos	7	22	1.30		0.39	78.08	
	Lintel		8					
	Longer span Long Wall 12.90mtr							
	6# 12mm dia bar	2	6	12.90		0.89	137.77	
		2	86	0.80		0.39	53.66	
	Long Wall 15.30mtr							
		1	6	15.30		0.89	81.70	
		1	102	0.80		0.39	31.82	
	Staircase Back wall							
		1	6	2.40		0.89	12.82	
		1	16	0.80		0.39	4.99	
	Shorter Span Short Wall							
		5	6	5.70		0.89	152.19	
		5	46	0.80		0.39	71.76	
	Staircase Side beam							
		1	6	5.40		0.89	28.84	
		1	36	0.80		0.39	11.23	
	Chajja							
	Main bar @ 12mm dia bar	3	16.00	0.70		0.89	29.90	
	Distributution bar @10mm dia bar	3	4.00	2.10		0.61	15.37	

C&RC Ramanjaneyulu

Ramanjaneyulu

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst.Engineer

Asst.Exec.Engineer

	Roof Beam							
	B1 Longer span Long Wall 12.90mtr							
	6# 16mm dia bar	1	6	12.90		1.52	117.65	
		1	86	1.50		0.39	50.31	
	B2 Longer span Long Wall 12.90mtr							
	6# 16mm dia bar	1	6	12.90		1.52	117.65	
	Exrta bar @ top 16mm dia bar	1	3	2.30		1.52	10.49	
		1	86	1.50		0.39	50.31	
	B3, Long Wall 15.30mtr							
	6# 16mm dia bar	1	6	15.30		1.52	139.54	
		1	86	1.50		0.39	50.31	
	B4, Shorter wall							
	6# 20 mm dia bar	5	6	7.45		2.46	549.81	
	Extra bar @ top 25mm dia	5	2	3.25		3.85	125.13	
	Extra bar @ Bottom16mm dia	5	10	4.25		1.52	32.30	
		5	46	1.50		0.39	134.55	
	Staircase Side beam							
	6# 16mm dia bar	1	6	5.40		1.52	49.25	
		1	36	1.50		0.39	21.06	
	Staircase							
		1	9	6.00		0.89	48.06	
		1	9	6.00		0.89	48.06	
		1	46.00	1.15		0.89	47.08	
	Slab 12.90X7.45mtr							
	10mm dia bar both ways @150mm C/c	1	50.00	12.90		0.61	393.45	
		1	86.00	7.45		0.61	390.83	
	Extra bar	3	50.00	1.90		0.61	173.85	
		2	86.00	1.90		0.61	199.35	
		2	86.00	1.35		0.61	141.64	
						Present Qty	**4341.46**	**KG**

C & Fc Ramanagara A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

NEWZEN CONSULTANT

Contractor | Consultant | Asst.Engineer | Asst.Exec.Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
149	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured							
	For Coloumn							
	C1,							
	8# 16mm dia bar	3	8	0.75		1.52	27.36	
	Stirrups 150mmC/c =6.05/.15=40Nos	3	5	1.30		0.39	7.61	
	C-hook	3	5	0.20		0.39	1.17	
	C2							
	8# 16mm dia bar	7	8	0.75		1.52	63.84	
	Stirrups 150mmC/c =6.05/.15=40Nos	7	5	1.30		0.39	17.75	
	C-hook	7	5	0.20		0.39	2.73	
	C3,F3							
	6# 16mm dia bar	4	6	2.10		1.52	76.608	
	Stirrups 150mmC/c =6.05/.15=40Nos	4	14	2.10		0.39	45.86	
						Present Qty	**242.92**	KG

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zone)
Yelahanka, Bangalore

Asst. Executive Engineer,
Yelahanka, Bangalore

A.E.E

Project: Improvements to Roads, Drains and Other Dev[illegible] Matru Layout, Shaada Nagar Judicial Layout and [illegible] Yelahanka Division under Amruth Nagar[illegible]

Date of Measurement : 01/10/2[illegible]

Detailed Me[illegible]

Item No	Discription of Item	No	Length
157	Providing and fixing Chlorinated Poly [illegible] 15778, having thermal stability for hot [illegible] brass threaded fittings including fixin[illegible] includes jointing of pipes and fittings [illegible] cutting chases & making good the [illegible] work including cutting chases [illegible] complete as per specifications [illegible] Page no 99 of [illegible]		
	[illegible]		
	[illegible]		
	[illegible]		
	[illegible]		

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 01/10/21

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
159	Providing and fixing Chlorinated Poly Venyl Chloride (CPVC) 25 pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) (25mm nominal OD pipes) complete as per specifications and directions of the Engineer in charge (Item No 13 86.3, Page no 99 of PWD SR 2018-19) - Terrace Floor						
	CPVC Pipe	Mtr					
	Terrace Floor						
	Toilets	1	1	20.00		20.00	Mtr
					Present Qty	**20.00**	

Contractor

NEWZEN CONSULTANT Bangalore — Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub-Division
(BBMP Yex. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 1/10/22

Detailed Measurements

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
172	CONCEALED CONDUIT SYSTEM: Supplying mm dia 2mm 2.5mm thick heavy gauge PVC Conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18 SWG GI fish wire wherever necessary. complete as per specifications and directions of the Engineer in charge .19/20mm							
	Electrical, 19/20 mm conduit pipe							
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
			1	6.00			6.00	
						Present Qty	150.00	M

A.E.

Contractor　　Consultant (Stamp: NEWZEN CONSULTANT, Bangalore)　　Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 1/10/21

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
173	CONCEALED CONDUIT SYSTEM: Supplying mm dia 2mm 2 5mm thick heavy gauge PVC Conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18 SWG GI fish wire wherever necessary. complete as per specifications and directions of the Engineer in charge 25mm						
	Electrical, 25 mm conduit pipe						
		1	50.00			50.00	
					Present Qty	**50.00**	**M**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 01/10/21

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
174	Open Conduit System - supplying heavy gauge PVC conduit pipe dia mm thick comfirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. complete as per specifications and directions of the Engineer in charge.						
	Electrical,open conduit pipe						
		1	40.00			40.00	
					Present Qty	**40.00**	M

Contractor

NEENZEN CONSULTANT Bangalore KSh

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 01/10/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
175	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. 19/20mm dia, 2mm thick complete as per specifications.and directions of the Engineer in charge.						
	19/20mm conduit pipe-Groove cutting						
		1	8.00			8.00	
		1	8.00			8.00	
		1	9.00			9.00	
		1	12.00			12.00	
		1	11.00			11.00	
		1	9.00			9.00	
		1	12.00			12.00	
		1	11.00			11.00	
					Present Qty	**80.00**	M

Contractor Consultant

NEWZEN CONSULTANT Bangalore

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yhk Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 01/10/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
182	Extra for groove cutting in brick wall /CC floor' to the suitable depth for con cealing of conduit/GI pipe and plastering,finishing upto wall surface complete. complete as per specifications and directions of the Engineer in charge						
	Extra for groove cutting						
		150				150.00	
					Present Qty	**150.00**	Nos

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of

Date of Measurement : 18/10/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
186	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or consealed system of wiring. I Group A 1 sqmm complete as per specifications and directions of the Engineer in charge						
	1 Sqmm Wire						
		1	100.00			100.00	
					Present Qty	**100.00**	M

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 18/10/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
188	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694 confirming to Latest amendements. 4 sqmm complete as per specifications and directions of the Engineer in charge						
	4 Sqmm Wire						
		1	80.00			80.00	
					Present Qty	**80.00**	M

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivanandanagar, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 11/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
196	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws complete as per specifications and directions of the Engineer in charge						
	D1	200				200.00	
					Present Qty	200.00	Sqcm

Contractor

NEWZEN CONSULTANT ★ Bangalore ★

Consultant

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer
Yelahanka Sub-Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 21/09/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
206	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required I In existing trench /duct complete as per specifications and directions of the Engineer in charge. 6sqmm to 16 sqmm						
	6sqmm to 16 sqmm	1	20.00			20.00	
					Present Qty	**20.00**	M

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 20/10/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
213	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable omplete as per specifications and directions of the Engineer in charge 2 pairs						
	Telephone cable	1	15.00			15.00	
					Present Qty	**15.00**	M

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 20/10/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
213	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable omplete as per specifications and directions of the Engineer in charge 2 pairs						
	Telephone cable	1	15.00			15.00	
					Present Qty	**15.00**	M

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Sharada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

MEASUREMENT SHEETS

"FIRST AND PART BILL"

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Sharada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
2	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatel (V-III Page No.10, Item No.2.19 of PWD SR 2021-22)								
	Vide pre-measurement page no.					49.30			
					Present Qty	49.30	Cum	473.25	23333.00
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work. (PWD SR 2021-22 Vol -I Pg								
	Vide pre-measurement page no.					29.89			
					Present Qty	29.89	Cum	1063.70	31797.00
3	Dismantling of Flexible Pavements Dismantling of Flexible pavements and disposal of dismantled materials and stacking serviceable and unserviceable materials separately I By Manual Means B Granular course								
	Vide pre-measurement page no.					7205.97			
					Present Qty	7205.97	Cum	341.00	2457238.00
4	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I								
	Vide pre-measurement page no.					1130.21			
					Present Qty	1130.21	Cum	804.10	908805.00
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) (PWD SR 2021-22 Vol -I Pg 17 item no 2.4.2)								
	Vide pre-measurement page no.					1958.08			
					Present Qty	1958.08	Cum	7368.31	14427776.00

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೫೬

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200 (PWD SR 2021-22 Vol -III Pg 99 item no 13.1)								
	Vide pre-measurement page no.					118.70			
					Present Qty	**118.70**	**Tn**	**115906.72**	**13758513.00**
11	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (SR, 2021-22 Vol-2, SI No 5.4,								
	Vide pre-measurement page no.					101.39			
					Present Qty	**101.39**	**Cum**	**6081.99**	**616630.00**
14	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. Mix 1:2:4 (M15) (PWD SR 2021-22 Vol -I Pg 17 item no 2.4.1)								
	Vide pre-measurement page no.					91.40			
					Present Qty	**91.40**	**Cum**	**6838.04**	**624991.00**
19	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriageof mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (For Grading -V Material) (PWD SR 21-22 Vol III Pg no 19								
	Vide pre-measurement page no.					31.48			
					Present Qty	**31.48**	**Cum**	**2632.69**	**82883.00**
26	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (PWD SR 2021-22 Vol-III Page No 3, Item No.1.4A)								
	Vide pre-measurement page no.					9292.67			
					Present Qty	**9292.67**	**T.km**	**107.69**	**1000728.00**
28	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm,aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic								
	Vide pre-measurement page no.					31.48			
					Present Qty	**31.48**	**Cum**	**4706.76**	**148179.00**
61	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work								
	Vide pre-measurement page no.					7.25			

Contractor

NEWZEN CONSULTANTS Bangalore Consultant

Asst. Engineer

Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
					Present Qty	**7.25**	**Cum**	**7617.68**	**55191.00**
90	Earth work excavation for Foundation by mechanical means for all works & depth upto 1.5 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work.(Page no-10,Vol-1, Item No-1.17.1 of PWD SR 2021-22.).								
	Vide pre-measurement page no.					185.23			
					Present Qty	**185.23**	**Cum**	**217.61**	**40308.00**
92	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm and down size graded crushed coarse aggregates for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (Page no-15, Item No-2.2.2.1 of PWD SR 2021-22)								
	Vide pre-measurement page no.					26.21			
					Present Qty	**26.21**	**Cum**	**7402.55**	**194025.00**
93	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges								
	Vide pre-measurement page no.					9.23			
					Present Qty	**9.23**	**Cum**	**6647.34**	**61360.00**
94	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars &								
	Vide pre-measurement page no.					4.32			
					Present Qty	**4.32**	**Cum**	**8010.46**	**34600.00**
95	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as								
	Vide pre-measurement page no.					24.13			

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
					Present Qty	**24.13**	**Cum**	**8738.69**	**210850.00**
96	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as								
	Vide pre-measurement page no.					4.36			
					Present Qty	**4.36**	**Cum**	**8090.56**	**35279.00**
97	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (Page no-17,Vol-1, Item No-2 5 2 of PWD SR 2021-22) - First Floor Beams and Slab								
	Vide pre-measurement page no.					23.94			
					Present Qty	**23.94**	**Cum**	**8826.07**	**211277.00**
98	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of								
	Vide pre-measurement page no.					0.71			
					Present Qty	**0.71**	**Cum**	**8170.68**	**5791.00**
99	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (Page no-17,Vol-1, Item No-2 5 2 of PWD SR 2021-22) - Terrace Floor								
	Vide pre-measurement page no.					1.05			
					Present Qty	**1.05**	**Cum**	**8913.46**	**9326.00**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
100	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.(Page no-17, Vol-2, Item No-6.32 of PWD SR								
	Vide pre-measurement page no.					154.19			
					Present Qty	154.19	Sqm	1348.31	207890.00
101	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.(Page no-17, Vol-2, Item No-6.32 of PWD SR								
	Vide pre-measurement page no.					123.31			
					Present Qty	123.31	Sqm	1360.57	167770.00
102	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.(Page no-17, Vol-2, Item No-6.32 of PWD SR 2021-22)-Terrace Floor								
	Vide pre-measurement page no.					71.90			
					Present Qty	71.90	Sqm	1372.83	98700.00
103	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (Item No8.2.1,Vol-2, Page no 41 of PWD SR 2021-22)								
	Vide pre-measurement page no.					91.02			
					Present Qty	91.02	Sqm	283.80	25832.00
104	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (Item No8.2.1,Vol-2, Page no 41 of PWD SR 2021-22)								
	Vide pre-measurement page no.					86.51			
					Present Qty	86.51	Sqm	286.38	24776.00
114	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with cement primer after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge (Item No 8.25,Vol-2, Page no 45 of PWD SR 2021-22) -Ground Floor								
	Vide pre-measurement page no.					340.15			

Contractor

NEWZEN CONSULTANTS Bangalore Consultants

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn) Asst. Exec. Engineer
Yelahanka, Bangalore

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
					Present Qty	340.15	Sqm	117.78	40064.00
115	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with cement primer after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge (Item No 8.25,Vol-2, Page no 45 of PWD SR 2021-22) -First Floor								
	Vide pre-measurement page no.					300.01			
					Present Qty	300.01	Sqm	118.85	35657.00
116	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with cement primer after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge (Item No 8.25,Vol-2, Page no 45 of PWD SR 2021-22) -Terrace Floor								
	Vide pre-measurement page no.					18.06			
					Present Qty	18.06	Sqm	[illegible]	[illegible]
147	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more [illegible] reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members wherever necessary complete as per Design including cost of material, labour, [illegible] charges complete as per specifications (The laps and wastages shall not be measured separately) (Page no-84, Item No-11.32 of PWD SR 2021-22)								
	Vide pre-measurement page no.					[illegible]			
					Present Qty	[illegible]	[illegible]	[illegible]	[illegible]
148	Providing Thermo-Mechanically Treated bars of grade [illegible] reinforcement for R.C.C. work including [illegible] placing in position, binding and anchoring [illegible] necessary complete as per Design including [illegible] charges complete as per specifications [illegible] measured separately) (Page no-84, Item [illegible]								
	Vide pre-measurement page no.								
149	Providing Thermo-Mechanically Treated [illegible] reinforcement for R.C.C. work including [illegible] placing in position, binding and anchoring [illegible] necessary complete as per Design [illegible] charges complete as per specifications [illegible] measured separately) (Page no-84, [illegible]								
	Vide pre-measurement page no.								
								40.79	6119.00

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Yeh, Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
173	CONCEALED CONDUIT SYSTEM: Supplying mm dia 2mm 2.5mm thick heavy gauge PVC Conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18 SWG GI fish wire wherever necessary. complete as per specifications and directions of the Engineer in charge .25mm								
	Vide pre-measurement page no.					50.00			
	Present Qty					**50.00**	**Mtr**	**54.05**	**2703.00**
174	Open Conduit System - supplying heavy gauge PVC conduit pipe dia mm thick comfirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF								
	Vide pre-measurement page no.					40.00			
	Present Qty					**40.00**	**Mtr**	**93.82**	**3753.00**
175	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. 19/20mm dia, 2mm thick complete as per specifications and directions of the Engineer in charge.								
	Vide pre-measurement page no.					80.00			
	Present Qty					**80.00**	**Mtr**	**40.79**	**3264.00**
176	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. 32mm dia, 2mm thick complete as per specifications and directions of the Engineer in charge.								
	Vide pre-measurement page no.					20.00			
	Present Qty					**20.00**	**Mtr**	**54.05**	**1081.00**
182	Extra for groove cutting in brick wall /CC floor' to the suitable depth for con cealing of conduit/GI pipe and plastering,finishing upto wall surface complete. complete as per specifications and directions of the Engineer in charge								
	Vide pre-measurement page no.					150.00			
	Present Qty					**150.00**	**Nos**	**21.40**	**3210.00**
186	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or concealed system of wiring. I Group A 1 sqmm complete as per specifications and directions of the Engineer in charge								
	Vide pre-measurement page no.					100.00			
	Present Qty					**100.00**	**Mtr**	**14.28**	**1428.00**

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Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalor

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
187	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 2.5 sqmm complete as per specifications and directions of the Engineer in charge.								
	Vide pre-measurement page no.					80.00			
	Present Qty					**80.00**	**Mtr**	**32.63**	**2611.00**
188	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 4 sqmm complete as per specifications and directions of the Engineer in charge.								
	Vide pre-measurement page no.					80.00			
	Present Qty					**80.00**	**Mtr**	**45.89**	**3672.00**
189	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694. confirming to Latest amendements. 6 sqmm complete as per specifications and directions of the Engineer in charge.								
	Vide pre-measurement page no.					60.00			
	Present Qty					**60.00**	**Mtr**	**71.38**	**4283.00**
196	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws. complete as per specifications and directions of the Engineer in charge								
	Vide pre-measurement page no.					200.00			
	Present Qty					**200.00**	**Sqm**	**0.28**	**56.00**
205	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated, extruded inner sheathed, galvanised, steel strip (except 2Cx 10Sq.mm wire armoured) Confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheated armoured cable with confirming to the attached GTP of GROUP-A. (62/7.4) 4 core 16 sqmm complete as per specifications and directions of the Engineer in charge.								
	Vide pre-measurement page no.					20.00			
	Present Qty					**20.00**	**Mtr**	**152.90**	**3058.00**
206	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required. I. In existing trench /duct. complete as per specifications and directions of the Engineer in charge. 6sqmm to 16 sqmm								
	Vide pre-measurement page no.					20.00			
	Present Qty					**20.00**	**Mtr**	**12.10**	**242.00**
212	Supplying and drawing UTP-CAT 6E LAN cable omplete as per specifications and directions of the Engineer in charge								
	Vide pre-measurement page no.					10.00			
	Present Qty					**10.00**	**Mtr**	**29.55**	**296.00**

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Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
213	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable omplete as per specifications and directions of the Engineer in								
	Vide pre-measurement page no.					15.00			
					Present Qty	15.00	Mtr	14.76	222.00

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 26-10-2022, 28-10-2022, 03-11-2022.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @.70 mixed including providing and removing centering, shuttering, shuttering propping etc. for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf. Etc, Complete as directed by the Engineer In charge of Work (Data Rate)								
	Ward No-02								
	CC Drain Opposite to School Building								
	Covering Slab								
	Ch: 0.00m to 19.00m	1	19.00	0.60		11.40			
	Ch: 19.00m to 36.40m	1	17.40	0.60		10.44			
	Cross Rd-1								
	Ch: 0.00m to 30.00m	1	30.00	0.60		18.00			
	Ch: 30.00m to 60.00m	1	30.00	0.60		18.00			
	Ch: 60.00m to 61.50m	1	1.50	0.60		0.90			
	Jp Colony Main Road								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 35.50m	1	5.50	0.75		4.13			
	Ch: 35.50m to 57.50m	1	22.00	0.90		19.80			
	Ch: 57.50m to 87.50m	1	30.00	0.90		27.00			
	Ward No-03								
	RCC Drain Covering Slab								
	Shivamandira Road (From Vishal Mart Upto SWD)								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	1.20		36.00			
	Ch: 30.00m to 60.00m	1	30.00	1.20		36.00			
	Ch: 60.00m to 74.40m	1	14.40	1.20		17.28			
	Ch: 74.40m to 79.20m	1	4.80	1.20		5.76			
	Ch: 79.20m to 109.20m	1	30.00	1.20		36.00			
	Ch: 109.20m to 139.20m	1	30.00	1.20		36.00			
	Ch: 139.20m to 169.20m	1	30.00	1.20		36.00			
	Ch: 169.20m to 199.20m	1	30.00	1.20		36.00			
	Ch: 199.20m to 229.20m	1	30.00	1.20		36.00			
	Ch: 229.20m to 232.40m	1	3.20	1.20		3.84			

C&RC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka, Division

NEWZEN CONSULTANTS Bangalore

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 232.40m to 244.70m Culvert Gap		12.30						
	Ch: 244.70m to 258.20m	1	13.50	1.20		16.20			
	Ch: 258.20m to 262.30m		4.10						
	Ch: 262.30m to 277.00m	1	14.70	1.20		17.64			
	Ch: 277.00m to 280.50m Gap		3.50						
	Ch: 280.50m to 306.20m	1	25.70	1.20		30.84			
	Ch: 306.20m to 314.70m Culvert Gap		8.50						
	Ch: 314.70m to 322.30m	1	7.60	1.20		9.12			
	Ch: 322.30m to 342.80m	1	20.50	1.20		24.60			
	Ch: 342.80m to 352.50m Gap		9.70						
	Ch: 352.50m to 365.00m	1	12.50	1.20		15.00			
	Ch: 365.00m to 370.00m Gap		5.00						
	Ch: 370.00m to 400.00m	1	30.00	1.20		36.00			
	Ch: 400.00m to 400.60m	1	0.60	1.20		0.72			
	Ch: 400.60m to 406.30m		5.70						
	Ch: 406.30m to 436.30m	1	30.00	1.20		36.00			
	Ch: 436.30m to 446.10m	1	9.80	1.20		11.76			
	Ch: 446.10m to 451.20m		5.10						
	Ch: 451.20m to 481.20m	1	30.00	1.20		36.00			
	Ch: 481.20m to 491.90m	1	10.70	1.20		12.84			
	Ch: 491.90m to 497.30m		5.40						
	Ch: 497.30m to 510.50m	1	13.20	1.20		15.84			
	Ch: 510.50m to 517.30m Rd Gap		6.80						
	Ch: 517.30m to 540.40m	1	23.10	1.20		27.72			
	Ch: 540.40m to 551.90m	1	11.50	1.20		13.80			
	Ch: 551.90m to 561.80m	1	9.90	1.20		11.88			
	Ch: 561.80m to 566.20m	1	4.40	1.20		5.28			
	Ch: 566.20m to 596.50m	1	30.00	1.20		36.00			
	Ch: 596.50m to 626.20m	1	30.00	1.20		36.00			
	Ch: 626.20m to 646.50m	1	20.30	1.20		24.36			
	RHS (From Vishal Mart to Karveer Hotel)								
	Ch: 0.00m to 26.80m	1	26.80	1.20		32.16			
	Ch: 26.80m to 31.60m Gap		4.80						
	Ch: 31.60m to 35.30m	1	3.70	1.20		4.44			
	Ch: 35.30m to 42.30m Culvert Gap		7.00						

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 42.30m to 72.30m	1	30.00	1.20		36.00			
	Ch: 72.30m to 73.50m	1	1.20	1.20		1.44			
	Ch: 73.50m to 103.50m	1	30.00	1.20		36.00			
	Ch: 103.50m to 109.70m		6.20						
	Ch: 109.70m to 117.40m	1	7.70	1.20		9.24			
	Ch: 117.40m to 130.50m	1	13.10	1.20		15.72			
	Ch: 130.50m to 136.70m Culvert Gap		6.20						
	Ch: 136.70m to 138.50m	1	1.80	1.20		2.16			
	Ch: 138.50m to 146.80m		8.30						
	Ch: 146.80m to 161.80m	1	15.00	1.20		18.00			
	Ch: 161.80m to 182.40m		20.60						
	Ch: 182.40m to 186.00m	1	3.60	1.20		4.32			
	Ch: 186.00m to 201.70m		15.70						
	Ch: 201.70m to 202.90m	1	1.20	1.20		1.44			
	Ch: 202.90m to 207.40m Rd Gap		4.50						
	Ch: 207.40m to 228.20m	1	20.80	1.20		24.96			
	Ch: 228.20m to 233.60m Rd Gap		5.40						
	Ch: 233.60m to 243.30m	1	9.70	1.20		11.64			
	Ch: 243.30m to 245.10m	1	1.80	1.20		2.16			
	Ch: 245.10m to 251.30m	1	6.20	1.20		7.44			
	Ch: 251.30m to 254.30m Rd Gap		3.00						
	Ch: 254.30m to 284.30m	1	30.00	1.20		36.00			
	Ch: 284.30m to 314.30m	1	30.00	1.20		36.00			
	Ch: 314.30m to 318.30m	1	4.00	1.20		4.80			
	Ch: 318.30m to 323.30m	1	5.00	1.20		6.00			
	Ch: 323.30m to 338.50m	1	15.20	1.20		18.24			
	Ch: 338.50m to 346.50m Culvert Gap		8.00						
	Ch: 346.50m to 362.50m	1	16.00	1.20		19.20			
	Ch: 362.50m to 369.20m		6.70						
	Ch: 369.20m to 387.30m	1	18.10	1.20		21.72			
	Ch: 387.30m to 392.20m Gate Gap		4.90						
	Ch: 392.20m to 422.20m	1	30.00	1.20		36.00			
	Ch: 422.20m to 426.60m	1	4.40	1.20		5.28			
	Ch: 426.60m to 434.60m Rd Gap		8.00						
	Ch: 434.60m to 464.60m	1	30.00	1.20		36.00			
	Ch: 464.60m to 469.30m	1	4.70	1.20		5.64			

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

NEWZEN CONSULTANTS Bangalore Ksh Consultant

Contractor

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 78.90m to 81.10m		2.20						
	Ch: 81.10m to 88.00m	1	6.90	0.90		6.21			
	RHS (From Dmart Side)								
	Ch: 0.00m to 12.00m	1	12.00	0.90		10.80			
	Ch: 12.00m to 18.20m	1	6.20	0.90		5.58			
	Ch: 18.20m to 48.20m	1	30.00	0.90		27.00			
	Ch: 48.20m to 62.20m	1	14.00	0.90		12.60			
	Ch: 62.20m to 67.90m Gap		5.70						
	Ch: 67.90m to 87.30m	1	19.40	0.90		17.46			
	1st Main Rd Continued								
	RHS								
	Ch: 0.00m to 8.60m	1	8.60	0.90		7.74			
	Ch: 8.60m to 16.10m	1	7.50	0.90		6.75			
	Ch: 16.10m to 17.30m	1	1.20	0.90		1.08			
	Ch: 17.30m to 20.30m	1	3.00	0.90		2.70			
	Ch: 20.30m to 35.60m	1	15.30	0.90		13.77			
	Ch: 35.60m to 38.60m	1	3.00	0.90		2.70			
	Ch: 38.60m to 41.00m	1	2.40	0.90		2.16			
	1st Main Rd Continued								
	RHS								
	Ch: 0.00m to 25.60m		25.60						
	Ch: 25.60m to 33.20m Rd Gap		7.60						
	Ch: 33.20m to 36.20m		3.00						
	Ch: 36.20m to 48.60m	1	12.40	0.90		11.16			
	Ch: 48.60m to 58.80m	1	10.20	0.90		9.18			
	Ch: 58.80m to 64.90m Culvert Gap		6.10						
	Ch: 64.90m to 79.20m	1	14.30	0.90		12.87			
	Ch: 79.20m to 83.20m	1	4.00	0.90		3.60			
	Ch: 83.20m to 92.20m	1	9.00	0.90		8.10			
	Ch: 92.20m to 100.20m Culvert Gap		8.00						
	Ch: 100.20m to 116.50m	1	16.30	0.90		14.67			
	Ch: 116.50m to 125.20m	1	8.70	0.90		7.83			
	Ch: 125.20m to 132.80m Culvert Gap		7.60						
	Ch: 132.80m to 146.10m Gap		13.30						
	Ch: 146.10m to 158.10m	1	12.00	0.90		10.80			
	Ch: 158.10m to 165.10m Culvert Gap		7.00						
	Ch: 165.10m to 190.70m	1	25.60	0.90		23.04			

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 6.70m to 13.10m Culvert Gap		6.40						
	Ch: 13.10m to 19.50m	1	6.40	0.90		5.76			
	Ch: 19.50m to 28.50m		9.00	0.90					
	Ch: 28.50m to 29.70m	1	1.20	0.90		1.08			
	Judicial Layout								
	14th Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 40.20m	1	10.20	0.90		9.18			
	Ch: 40.20m to 49.10m Rd Gap		8.90						
	Ch: 49.10m to 65.40m	1	16.30	0.90		14.67			
	Ch: 65.40m to 79.20m Gap		13.80						
	Ch: 79.20m to 86.70m Rd Gap		7.50						
	Ch: 86.70m to 116.70m	1	30.00	0.90		27.00			
	Ch: 116.70m to 122.30m	1	5.60	0.90		5.04			
	Ch: 122.30m to 126.30m		4.00						
	Ch: 126.30m to 139.00m	1	12.70	0.90		11.43			
	Ch: 139.00m to 155.70m Gap		16.70						
	Ch: 155.70m to 165.70m Rd Gap		10.00						
	Ch: 165.70m to 186.30m	1	20.60	1.20		24.72			
	Ch: 186.30m to 191.50m Gap		5.20						
	Ch: 191.50m to 217.20m		25.70	1.20		30.84			
	Ch: 217.20m to 227.20m Rd Gap		10.00						
	Ch: 227.20m to 259.20m	1	30.00	1.20		36.00			
	Ch: 259.20m to 279.80m	1	22.60	1.20		27.12			
	Ch: 279.80m to 293.30m Rd Gap		13.50						
	Ch: 293.30m to 323.30m	1	30.00	1.20		36.00			
	Ch: 323.30m to 331.30m	1	8.00	1.20		9.60			
	LHS								
	Ch: 0.00m to 17.20m	1	17.20	1.20		20.64			
	Ch: 17.20m to 23.80m		6.60						
	Ch: 23.80m to 35.00m	1	11.20	1.20		13.44			
	Ch: 35.00m to 60.00m	1	25.00	1.20		30.00			
	Ch: 60.00m to 79.60m	1	19.60	1.20		23.52			
	Ch: 79.60m to 85.00m	1	5.40	1.20		6.48			

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka Division

NEWZEN CONSULTANT Bangalore

Contractor | Consultant | Asst. Engineer | Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch: 60.00m to 71.60m	1	11.60	0.90		10.44			
	Ch: 71.60m to 90.20m		18.60	0.90		0.00			
	Ch: 90.20m to 108.20m	1	18.00	0.90		16.20			
	Ch: 108.20m to 126.70m Gap		18.50						
	Ch: 126.70m to 156.70m	1	30.00	0.90		27.00			
	Ch: 156.70m to 180.70m	1	24.00	0.90		21.60			
	LHS								
	Ch: 0.00m to 26.50m Gap		26.50						
	Ch: 26.50m to 52.40m	1	25.90	0.90		23.31			
	Ch: 52.40m to 63.00m Rd Gap		10.60						
	Ch: 63.00m to 87.60m	1	24.60	0.90		22.14			
	Ch: 87.60m to 91.40m Gap		3.80						
	Ch: 91.40m to 120.40m	1	29.00	0.90		26.10			
	Ch: 120.40m to 130.80m Rd Gap		10.40						
	Ch: 130.80m to 156.30m	1	25.50	0.90		22.95			
	Ch: 156.30m to 162.10m Gap		5.80						
	Ch: 162.10m to 182.80m	1	20.70	0.90		18.63			
	12th Main Rd								
	LHS								
	Ch: 0.00m to 13.30m	1	13.30	0.90		11.97			
	For Damages/Reaches								
		30	0.60	0.90		16.20			
		20	0.60	0.90		10.80			
	For Shoulder								
		79	2.40	0.60		113.76			
		53	3.00	0.60		95.40			
		33	1.60	0.60		31.68			
					Present Qty	**5417.94**	**Sqm**		
					Limited Qty	**5025.35**	**Sqm**	**2112.92**	**10618151.96**
					Reserved Qty	**392.59**	**Sqm**		

NEWZEN CONSULTANTS Bangalore Consultant ksh

Contractor

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 27-10-2022, 28-10-2022.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
8	Providing B S slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)								
	Ward No-04								
	Top Covering Slab								
	Matru Layout								
	1st Main Rd								
	LHS (From Dmart Side)								
	Ch: 70.30m to 78.90m	1	8.60	0.90		7.74			
	Ch: 78.90m to 81.10m	1	2.20	0.90		1.98			
	1st Main Rd Continued								
	RHS								
	Ch: 33.20m to 36.20m	1	3.00	0.90		2.70			
	LHS								
	Ch: 15.20m to 18.20m	1	3.00	0.90		2.70			
	Ch: 35.50m to 38.50m	1	3.00	0.90		2.70			
	3rd Cross Rd								
	RHS								
	Ch: 9.30m to 18.40m	1	9.10	0.90		8.19			
	LHS								
	Ch: 9.20m to 13.00m	1	3.80	0.90		3.42			
	Judicial Layout								
	11th Main Rd								
	LHS								
	Ch: 138.40m to 142.40m	1	4.00	0.90		3.60			
	Ch: 214.50m to 219.50m	1	5.00	0.90		4.50			
	13th Cross Rd								
	LHS								
	Ch: 0.00m to 15.00m	1	15.00	0.90		13.50			
	12th Cross Rd								
	LHS								
	Ch: 18.00m to 27.30m	1	9.30	0.90		8.37			
	Ch: 36.30m to 45.20m	1	8.90	0.90		8.01			
	11th Cross Rd								
	RHS								

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 58.40m to 61.40m	1	3.00	0.90		2.70			
	Ch: 67.60m to 97.60m	1	30.00	0.90		27.00			
	Ch: 103.00m to 105.00m	1	2.00	0.90		1.80			
	Ch: 105.00m to 112.70m	1	7.70	0.90		6.93			
	10th Cross Rd From End								
	RHS								
	Ch: 3.30m to 12.50m	1	9.20	0.90		8.28			
	Ch: 36.70m to 47.70m	1	11.00	0.90		9.90			
	LHS								
	Ch: 98.40m to 100.80m	1	2.40	0.90		2.16			
	Ch: 120.60m to 123.80m	1	3.20	0.90		2.88			
	9th Cross Rd From End								
	LHS								
	Ch: 7.20m to 10.40m	1	3.20	0.90		2.88			
	Ch: 56.90m to 69.60m	1	12.70	0.90		11.43			
	Ch: 81.30m to 85.00m	1	3.70	0.90		3.33			
	13th A Main Rd								
	LHS								
	Ch: 8.50m to 12.20m	1	3.70	0.90		3.33			
	For SSM Culvert								
	Matru Layout								
		1	8.00	1.50		12.00			
					Present Qty	**162.03**	**Sqm**	**853.53**	**138297.47**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 58.40m to 61.40m	1	3.00			3.00			
	Ch: 67.60m to 97.60m	1	30.00			30.00			
	Ch: 103.00m to 105.00m	1	2.00			2.00			
	Ch: 105.00m to 112.70m	1	7.70			7.70			
	10th Cross Rd From End								
	RHS								
	Ch: 3.30m to 12.50m	1	9.20			9.20			
	Ch: 36.70m to 47.70m	1	11.00			11.00			
	LHS								
	Ch: 98.40m to 100.80m	1	2.40			2.40			
	Ch: 120.60m to 123.80m	1	3.20			3.20			
	9th Cross Rd From End								
	LHS								
	Ch: 7.20m to 10.40m	1	3.20			3.20			
	Ch: 56.90m to 69.60m	1	12.70			12.70			
	Ch: 81.30m to 85.00m	1	3.70			3.70			
	13th A Main Rd								
	LHS								
	Ch: 8.50m to 12.20m	1	3.70			3.70			
					Present Qty	**166.70**	**Sqm**	**397.70**	**66296.59**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 14/11/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
12	Providing Flush/ Ruled pointing: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in-charge. (SR, 2021-22 Vol-2, Sl No 8.19.1, , P No: 44)								
	Ward No-03								
	For SSM								
	West Side								
	Ch: 0.00m to 20.00m	2	20.00		0.55	22.00			
	Ch: 20.00m to 21.00m	2	1.00		0.55	1.10			
	Ch: 21.00m to 37.30m	2	16.30		0.55	17.93			
	Ch: 37.30m to 40.60m	2	3.30		0.60	3.96			
	Ch: 40.60m to 43.00m Gate	2	2.40		0.60	2.88			
	Ch: 43.00m to 52.50m	2	9.50		0.55	10.45			
	Ch: 52.50m to 64.50m	2	12.00		0.60	14.40			
	Ch: 64.50m to 76.00m	2	11.50		0.65	14.95			
	North Side								
	Ch: 0.00m to 8.20m	2	8.20		0.70	11.48			
	Ch: 8.20m to 12.00m	2	3.80		0.35	2.66			
					Present Qty	**101.81**	**Sqm**	**224.35**	**22841.07**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 14/11/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
13	Providing and Fixing pre cast covering Slab 230mm thick made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete As per Engineer incharge								
	Culvert Top Slab								
	Shivandira Road								
		1	12.30	1.50		18.45			
		1	8.50	1.50		12.75			
		1	4.90	1.50		7.35			
		1	6.60	1.50		9.90			
		1	5.50	1.50		8.25			
		1	8.00	1.50		12.00			
		1	6.20	1.50		9.30			
		1	7.00	1.50		10.50			
	Judicial Layout								
		1	7.30	1.20		8.76			
		1	7.00	1.20		8.40			
	Kaveri Park								
		1	8.10	1.50		12.15			
		1	8.00	1.50		12.00			
	Matru Layout								
		1	7.00	1.50		10.50			
		1	7.30	1.20		8.76			
	Muneshwara Layout								
		1	6.40	1.20		7.68			
	For SSM Culvert								
	Matru Layout								
		1	6.10	1.50		9.15			
			8.00						
		1	7.60	1.50		11.40			
					Present Qty	**177.30**	**Sqm**	**5136.48**	**910697.90**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 04-11-2022, 07-11-2022, 08-11-2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
15	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation								
	Ward No-03								
	For Kerb								
	Shivamandira Road (From Vishal Mart Upto SWD)								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 74.40m	1	14.40			14.40			
	Ch: 74.40m to 79.20m	1	4.80			4.80			
	Ch: 79.20m to 109.20m	1	30.00			30.00			
	Ch: 109.20m to 139.20m	1	30.00			30.00			
	Ch: 139.20m to 169.20m	1	30.00			30.00			
	Ch: 169.20m to 199.20m	1	30.00			30.00			
	Ch: 199.20m to 229.20m	1	30.00			30.00			
	Ch: 229.20m to 232.40m	1	3.20			3.20			
	Ch: 232.40m to 244.70m Culvert Gap		12.30						
	Ch: 244.70m to 258.20m	1	13.50			13.50			
	Ch: 258.20m to 262.30m	1	4.10			4.10			
	Ch: 262.30m to 277.00m	1	14.70			14.70			
	Ch: 277.00m to 280.50m Gap		3.50						
	Ch: 280.50m to 306.20m		25.70			25.70			
	Ch: 306.20m to 314.70m Culvert Gap		8.50						
	Ch: 314.70m to 322.30m	1	7.60			7.60			
	Ch: 322.30m to 342.80m	1	20.50			20.50			
	Ch: 342.80m to 352.50m Gap		9.70						
	Ch: 352.50m to 365.00m	1	12.50			12.50			
	Ch: 365.00m to 370.00m Gap		5.00						

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

Contractor

NEWZEN CONSULTANT Bangalore Ksh Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 370.00m to 400.00m	1	30.00			30.00			
	Ch: 400.00m to 400.60m	1	0.60			0.60			
	Ch: 400.60m to 406.30m	1	5.70			5.70			
	Ch: 406.30m to 436.30m	1	30.00			30.00			
	Ch: 436.30m to 446.10m	1	9.80			9.80			
	Ch: 446.10m to 451.20m	1	5.10			5.10			
	Ch: 451.20m to 481.20m	1	30.00			30.00			
	Ch: 481.20m to 491.90m	1	10.70			10.70			
	Ch: 491.90m to 497.30m	1	5.40			5.40			
	Ch: 497.30m to 510.50m	1	13.20			13.20			
	Ch: 510.50m to 517.30m Rd Gap		6.80						
	Ch: 517.30m to 540.40m	1	23.10			23.10			
	Ch: 540.40m to 551.90m	1	11.50			11.50			
	Ch: 551.90m to 561.80m	1	9.90			9.90			
	Ch: 561.80m to 566.20m	1	4.40			4.40			
	Ch: 566.20m to 596.50m	1	30.00			30.00			
	Ch: 596.50m to 626.20m	1	30.00			30.00			
	Ch: 626.20m to 646.50m	1	20.30			20.30			
	RHS (From Vishal Mart to Karveer Hotel)								
	Ch: 0.00m to 26.80m	1	26.80			26.80			
	Ch: 26.80m to 31.60m Gap		4.80						
	Ch: 31.60m to 35.30m	1	3.70			3.70			
	Ch: 35.30m to 42.30m Culvert Gap		7.00						
	Ch: 42.30m to 72.30m	1	30.00			30.00			
	Ch: 72.30m to 73.50m	1	1.20			1.20			
	Ch: 73.50m to 103.50m	1	30.00			30.00			
	Ch: 103.50m to 109.70m	1	6.20			6.20			
	Ch: 109.70m to 117.40m	1	7.70			7.70			
	Ch: 117.40m to 130.50m	1	13.10			13.10			
	Ch: 130.50m to 136.70m Culvert Gap		6.20						
	Ch: 136.70m to 138.50m	1	1.80			1.80			
	Ch: 138.50m to 146.80m	1	8.30			8.30			
	Ch: 146.80m to 161.80m	1	15.00			15.00			
	Ch: 161.80m to 182.40m	1	20.60			20.60			
	Ch: 182.40m to 186.00m	1	3.60			3.60			
	Ch: 186.00m to 201.70m	1	15.70			15.70			
	Ch: 201.70m to 202.90m	1	1.20			1.20			
	Ch: 202.90m to 207.40m Rd Gap		4.50						

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka Division

NEWZEN CONSULTANT Bangalore Consultant

Contractor

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 207.40m to 228.20m	1	20.80			20.80			
	Ch: 228.20m to 233.60m Rd Gap		5.40						
	Ch: 233.60m to 243.30m	1	9.70			9.70			
	Ch: 243.30m to 245.10m	1	1.80			1.80			
	Ch: 245.10m to 251.30m	1	6.20			6.20			
	Ch: 251.30m to 254.30m Rd Gap		3.00						
	Ch: 254.30m to 284.30m	1	30.00			30.00			
	Ch: 284.30m to 314.30m	1	30.00			30.00			
	Ch: 314.30m to 318.30m	1	4.00			4.00			
	Ch: 318.30m to 323.30m	1	5.00			5.00			
	Ch: 323.30m to 338.50m	1	15.20			15.20			
	Ch: 338.50m to 346.50m Culvert Gap		8.00						
	Ch: 346.50m to 362.50m	1	16.00			16.00			
	Ch: 362.50m to 369.20m	1	6.70			6.70			
	Ch: 369.20m to 387.30m	1	18.10			18.10			
	Ch: 387.30m to 392.20m Gate Gap		4.90						
	Ch: 392.20m to 422.20m	1	30.00			30.00			
	Ch: 422.20m to 426.60m	1	4.40			4.40			
	Ch: 426.60m to 434.60m Rd Gap		8.00						
	Ch: 434.60m to 464.60m	1	30.00			30.00			
	Ch: 464.60m to 469.30m	1	4.70			4.70			
	Ch: 469.30m to 474.80m Rd Gap		5.50						
	Ch: 474.80m to 504.80m	1	30.00			30.00			
	Ch: 504.80m to 513.30m	1	8.50			8.50			
	Ch: 513.30m to 518.80m Culvert Gap		5.50						
	Ch: 518.80m to 548.80m	1	30.00			30.00			
	Ch: 548.80m to 552.30m	1	3.50			3.50			
	Ch: 552.30m to 561.20m Rd Gap		8.90						
	Ch: 561.20m to 581.20m	1	20.00			20.00			
	Ch: 581.20m to 584.30m	1	3.10			3.10			
	Ch: 584.30m to 602.90m	1	18.60			18.60			
	Ch: 602.90m to 605.30m	1	2.40			2.40			
	Ch: 605.30m to 608.30m	1	3.00			3.00			
	Ch: 608.30m to 630.40m	1	22.10			22.10			
	Ch: 630.40m to 636.40m	1	6.00			6.00			
	Ch: 636.40m to 666.40m	1	30.00			30.00			

12/12/2022

Executive Engineer
Brubat Bengaluru Mahanagara Palike
Yelahanka, Division

NEWZEN CONSULTANT
Bangalore

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 108.20m to 126.70m Gap		18.50						
	Ch: 126.70m to 156.70m	1	30.00			30.00			
	Ch: 156.70m to 180.70m	1	24.00			24.00			
	LHS								
	Ch: 0.00m to 26.50m Gap		26.50						
	Ch: 26.50m to 52.40m	1	25.90			25.90			
	Ch: 52.40m to 63.00m Rd Gap		10.60						
	Ch: 63.00m to 87.60m	1	24.60			24.60			
	Ch: 87.60m to 91.40m Gap		3.80						
	Ch: 91.40m to 120.40m	1	29.00			29.00			
	Ch: 120.40m to 130.80m Rd Gap		10.40						
	Ch: 130.80m to 156.30m	1	25.50			25.50			
	Ch: 156.30m to 162.10m Gap		5.80						
	Ch: 162.10m to 182.80m	1	20.70			20.70			
	12th Main Rd								
	LHS								
	Ch: 0.00m to 13.30m	1	13.30			13.30			
	For Turning								
		20	2.25			45.00			
		25	2.70			67.50			
	For Tree Guard								
		184	2.40			441.60			
		33	2.80			92.40			
		38	2.20			83.60			
		25	1.60			40.00			
		14	1.20			16.80			
		26	3.60			93.60			
	For Shoulder								
		79	2.40			189.60			
		53	3.00			159.00			
		33	1.60			52.80			
						5932.80	**m**		
					Present Qty	**13184.00**	**Nos**		
					Limited Qty	**8555.33**	**Nos**	**517.01**	**4423192.89**
					Reserved Qty	**4628.67**	**Nos**		

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 14/11/22

Item No	Discription of Item	No	Length	B1	B2	Avg. Breadt	Depth	Qty	Unit	Rate	Amount
17	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications. (PWD SR 21-22 Vol II										
	Ward No-03										
	For Cobble Stone										
	Vending Zone Near Krishna Oil Mill(Road side Pathway)										
	Ch: 0.00m to 30.00m	1	30.00	1.70	2.00	1.85		55.50			
	Ch: 30.00m to 48.50m	1	18.50	2.00	2.00	2.00		37.00			
	Ch: 48.50m to 53.30m	1	4.80	2.00	2.00	2.00		9.60			
	Ch: 53.30m to 79.00m	1	25.70	2.00	2.00	2.00		51.40			
	Ch: 79.00m to 91.10m	1	12.10	1.20	1.40	1.30		15.73			
	Ch: 91.10m to 93.70m	1	2.60	3.20	2.60	2.90		7.54			
	Between Center Pathway										
	Ch: 0.00m to 22.50m	1	22.50	1.00	3.30	2.15		48.38			
	Ch: 22.50m to 52.50m	1	30.00	4.60	10.80	7.70		231.00			
	Ch: 52.50m to 71.00m	1	18.50	10.80	11.60	11.20		207.20			
	Deduction Of Tree Guard	-2	0.80		1.00			-1.60			
		-4	1.00		1.00			-4.00			
		-2	1.40		1.40			-3.92			
		-2	1.20		1.20			-2.88			
		-3	1.20		1.00			-3.60			
		-1	1.40		1.20			-1.68			
		-1	2.70		1.50			-4.05			
	Deduction Of Shoulder	-2	1.20		0.60			-1.44			
							Present Qty	**640.18**	**Cum**	**1219.32**	**780578.18**

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 14/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	B1	B2	Avg. Breadth	Depth	Qty	Unit	Rate	Amount
29	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification										
	CC Road Opposite to School Building										
		1	1.70	1.90	1.90	1.90	0.15	0.48			
		1	5.00	1.90	1.57	1.74	0.15	1.30			
		1	8.00	1.57	1.35	1.46	0.15	1.75			
		1	2.30	1.35	1.15	1.25	0.15	0.43			
		1	6.50	1.00	0.80	0.90	0.15	0.88			
		1	5.00	0.80	0.60	0.70	0.15	0.53			
		1	5.30	0.60	0.45	0.53	0.15	0.42			
	School Building Side										
		1	5.5	1.20	1.50	1.35	0.15	1.11			
		1	15.5	1.50	1.25	1.38	0.15	3.20			
	Cross Rd-1										
		1	3.00	1.60	2.20	1.90	0.15	0.86			
		1	10.00	2.20	2.40	2.30	0.15	3.45			
		1	10.00	2.40	2.10	2.25	0.15	3.38			
		1	10.00	2.10	3.00	2.55	0.15	3.83			
		1	10.00	3.00	1.70	2.35	0.15	3.53			
		1	10.00	1.70	1.80	1.75	0.15	2.63			
		1	11.50	1.80	2.00	1.90	0.15	3.28			
	Cross Rd-2										
		1	11.4	2.00	2.00	2.00	0.15	3.42			
	Deduct	-1	33.00	0.60	0.60	0.60	0.15	-2.97			
							Present Qty	**31.48**	**Cum**	**7669.23**	**241443.00**

CBFC

Ramasanjeevaiah
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yhk. Zn)
Yelahanka, Bangalore

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Ramasanjeevaiah
Asst. Executive Engineer
Yelahanka Sub. Divison
Asst. Executive Engineer,
(BBMP Yhk. Zn)
Yelahanka, Bangalore

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Detailed Measurements									
Measurement Recorded On: 17-10-2022, 19-10-2022									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit		
30	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour,								
	Ward No-03								
	for SSM near Krishnam oil mill								
	West Side								
	Ch: 0.00m to 20.00m	1	20.00			2.30 / 46.00			
	Ch: 20.00m to 21.00m	1	1.00			2.30 / 2.30			
	Ch: 21.00m to 37.30m	1	16.30			2.30 / 37.49			
	Ch: 37.30m to 40.60m	1	3.30			2.30 / 7.59			
	Ch: 40.60m to 43.00m Gate	1	2.40			2.30 / 5.52			
	Ch: 43.00m to 52.50m	1	9.50			2.30 / 21.85			
	Ch: 52.50m to 64.50m	1	12.00			2.30 / 27.60			
	Ch: 64.50m to 76.00m	1	11.50			2.30 / 26.[illegible]			
	North Side								
	Ch: 0.00m to 8.20m	1	8.20			2.30 / 18.86			
	Ch: 8.20m to 12.00m	1	3.80			2.30 / 8.74			
						Present Qty	**202.40**	**Sqm**	
						Limited Qty	**171.00**	**Sqm**	**9324.59** 1594504.89
						Reserved Qty	**31.40**	**Sqm**	

Executive Engineer
Yelahanka Division

Contractor

NEWZEN CONSULTANTS Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
105	Providing **12 mm cement plaster** with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge								
	Ground Floor Plastering								
	Ceiling								
	Verandah	1	14.77	1.60		23.63			
	office	1	3.05	5.30		16.17			
	Meetinghall/Class Room	1	7.20	5.30		38.16			
	Ladies Toilet	1	1.70	1.30		2.21			
	Urinal	1	1.70	2.20		3.74			
	Jents Toilet	1	1.70	1.30		2.21			
	Verandah wall	1	12.67		2.90	36.74			
		1	12.67		1.60	20.27			
		1	12.67		0.35	4.43			
	office	2	3.05		2.90	17.69			
		2	5.30		2.90	30.74			
	Meetinghall/Class Room	2	5.30		2.90	30.74			
		2	7.20		2.90	41.76			
	Ladies Toilet	2	1.70		0.80	2.72			
		2	1.30		0.80	2.08			
	Urinal	2	1.70		0.80	2.72			
		2	2.20		0.80	3.52			
	Jents Toilet	2	1.70		0.80	2.72			
		2	1.35		0.80	2.16			
	Stair case Wall	1	5.40		2.95	15.93			
		1	3.80		2.95	11.21			
		1	2.00		2.95	5.90			
	Deduction of Openings								
	D	-2	1.05		2.10	-4.41			
	D1	-3	0.75		2.10	-4.73			
	W	-4	1.80		1.20	-8.64			
	V	-4	0.60		0.55	-1.32			
					Present Qty	**298.36**	**Sqm**	**244.54**	**72962.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 21/10/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
106	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge								
	First Floor Plastering								
	Ceiling	1	14.77	1.60		23.63			
	Classroom1	1	6.10	5.30		32.33			
	Classroom2	1	6.05	5.30		32.07			
	Verandah wall	1	12.67		2.90	36.74			
		1	12.67		1.00	12.67			
		1	14.77		0.35	5.17			
	Class Room1	2	6.10		2.90	35.38			
		2	5.30		2.90	30.74			
	Class Room2	2	6.05		2.90	35.09			
		2	5.30		2.90	30.74			
	Toilet	2	1.65		2.90	9.57			
	Stair case Wall	1	5.40		2.95	15.93			
		1	3.80		2.95	11.21			
		1	2.00		2.95	5.90			
	Deduction of Openings								
	D	-2	1.05		2.10	-4.41			
	D1	-1	0.75		2.10	-1.58			
	W	-4	1.80		1.20	-8.64			
	W1	-1	1.05		2.10	-2.21			
	V	-1	0.60		0.55	-0.33			
				Present Qty		**300.01**	**Sqm**	**246.76**	**74031.00**

C & FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

NEWZEN CONSULTANT Bangalore
Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 21/10/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
107	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge								
	School Building								
	Head Room	1	2.00		2.10	4.20			
		2	0.30		2.10	1.26			
		2	3.00		2.10	12.60			
					Present Qty	**18.06**	**Sqm**	**248.98**	**4497.00**

Contractor

Engineering Consultant

Assistant Engineer

Asst. Executive Engineer
Asst. Exe. Engineer, Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
109	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge-First Floor(Item No.8.6.2,Vol-2, Page no 42 of PWD SR 2021-22)								
	External Plastering First Floor								
	Back side wall	1	15.1		3.30	49.83			
	Front wall	1	15.1		3.30	49.83			
	Varahanda Wall	2	14.77		3.30	97.48			
	Deduction of Openings								
	D	-2	1.05		2.10	-4.41			
	D1	-1	0.75		2.10	-1.58			
	W	-4	1.80		1.20	-8.64			
	W1	-1	1.05		2.10	-2.21			
	V	-1	0.60		0.55	-0.33			
	First Floor								
	MS Grill for Verandah Front wall								
		-1	2.40		1.60	-3.84			
		-1	2.80		1.60	-4.48			
		-1	2.90		1.60	-4.64			
		-1	2.80		1.60	-4.48			
		-1	2.50		1.60	-4.00			
		-1	2.40		1.60	-3.84			
					Present Qty	**154.70**	**Sqm**		
					Limited To	**129.63**	**Sqm**	**430.13**	**55758.00**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

NEWZEN CONSULTANT Bangalore
Consultant

Assistant Engineer

Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
110	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge- Terrace Floor								
	Shorter Span Wall Side Wall	1	7.30		3.30	24.09			
		1	7.30		3.30	24.09			
	Terrace Plastering								
	Front wall	2	15.1		1.50	45.30			
		1	7.30		1.50	10.95			
		1	1.60		1.50	2.40			
	Head Room	1	2.40		2.10	5.04			
		2	0.30		2.10	1.26			
		2	3.00		2.10	12.60			
					Present Qty	**125.73**	**Sqm**	**434.01**	**54569.00**

Contractor

NEWZEN CONSULTANT Bangalore — Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Sharada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
111	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.								
	Ground Floor Plastering								
	Ceiling								
	Varahanda	1	14.77	1.60		23.63			
	office	1	3.05	5.30		16.17			
	Meetinghall/Class Room	1	7.20	5.30		38.16			
	Ladies Toilet	1	1.70	1.30		2.21			
	Urinal	1	1.70	2.20		3.74			
	Jents Toilet	1	1.70	1.30		2.21			
	office	2	3.05		2.90	17.69			
		2	5.30		2.90	30.74			
	Meetinghall/Class Room	2	5.30		2.90	30.74			
		2	7.20		2.90	41.76			
	Stair case Wall	1	5.40		2.95	15.93			
		1	3.80		2.95	11.21			
		1	2.00		2.95	5.90			
	Deduction of Openings								
	D	-2	1.05		2.10	-4.41			
	D1	-3	0.75		2.10	-4.73			
	W	-4	1.80		1.20	-8.64			
	V	-4	0.60		0.55	-1.32			
					Present Qty	**220.99**	**Sqm**	**93.10**	**20575.00**

C.B.F.C

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

NEWZEN CONSULTANT Bangalore KSH Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Sharada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
112	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.								
	First Floor Plastering								
	Ceiling	1	14.77	1.60		23.63			
	Classroom1	1	6.10	5.30		32.33			
	Classroom2	1	6.05	5.30		32.07			
	Class Room1	2	6.10		2.90	35.38			
		2	5.30		2.90	30.74			
	Class Room2	2	6.05		2.90	35.09			
		2	5.30		2.90	30.74			
	Toilet	2	1.65		2.90	9.57			
	Stair case Wall	1	5.40		2.95	15.93			
		1	3.80		2.95	11.21	c/f		
		1	2.00		2.95	5.90			
	Deduction of Openings								
	D	-2	1.05		2.10	-4.41			
	D1	-1	0.75		2.10	-1.58			
	W	-4	1.80		1.20	-8.64			
	W1	-1	1.05		2.10	-2.21			
	V	-1	0.60		0.55	-0.33			
						245.43	Sqm	93.95	23058.00

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Sharada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
113	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.								
	School Building								
	Head Room	1	2.00		2.10	4.20			
		2	0.30		2.10	1.26			
		2	3.00		2.10	12.60			
					Present Qty	**18.06**	**Sqm**	**94.80**	**1713.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Sharada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
117	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (Item No 8.30,Vol-2, Page no 46 of PWD SR 2021-22)- Ground Floor								
	External Plastering Ground Floor								
	Back side wall	1	15.1		3.30	49.83			
	Front wall	1	15.1		3.30	49.83			
	Varahanda Wall	2	14.77		3.30	97.48			
	Side wall	1	7.30		3.30	24.09			
		1	7.30		3.30	24.09			
	Deduct Openings								
	Deduction of Openings								
	D	-2	1.05		2.10	-4.41			
	D1	-3	0.75		2.10	-4.73			
	W	-4	1.80		1.20	-8.64			
	CG MS Gate-Ground Floor	-1	1.80		2.4	-4.32			
	MS Grill for Verandah Front wall								
		-1	2.80		1.00	-2.80			
		-1	2.90		1.00	-2.90			
		-1	2.80		1.00	-2.80			
		-1	2.50		1.00	-2.50			
					Present Qty	**212.23**	**Sqm**		
					Limited To	**138.44**	**Sqm**	**152.55**	**21119.00**

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

NEWZEN CONSULTANT Bangalore ksh

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
118	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (Item No 8.30,Vol-2, Page no 46 of PWD SR 2021-22)-First Floor								
	External Plastering Ground Floor								
	Back side wall	1	15.1		3.30	49.83			
	Front wall	1	15.1		3.30	49.83			
	Varahanda Wall	2	14.77		3.30	97.48			
	Deduction of Openings								
	D	-2	1.05		2.10	-4.41			
	D1	-1	0.75		2.10	-1.58			
	W	-4	1.80		1.20	-8.64			
	W1	-1	1.05		2.10	-2.21			
	V	-1	0.60		0.55	-0.33			
	First Floor								
	MS Grill for Verandah Front wall								
		-1	2.40		1.60	-3.84			
		-1	2.80		1.60	-4.48			
		-1	2.90		1.60	-4.64			
		-1	2.80		1.60	-4.48			
		-1	2.50		1.60	-4.00			
		-1	2.40		1.60	-3.84			
					Present Qty	**154.70**	**Sqm**		
					Limited To	**142.59**	**Sqm**	**153.94**	**21951.00**

Remeasured
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

NEWZEN CONSULTANT Bangalore — Consultant

Assistant Engineer

Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
19	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per									
	Side wall First Floor		1	7.30		3.30	24.09			
			1	7.30		3.30	24.09			
	Terrace Plastering									
	Front wall		2	15.1		1.50	45.30			
			1	7.30		1.50	10.95			
			1	1.60		1.50	2.40			
	Head Room		1	2.40		2.10	5.04			
			2	0.30		2.10	1.26			
			2	3.00		2.10	12.60			
						Present Qty	**125.73**	**Sqm**	**155.33**	**19530.00**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants.

(PAKAGE NO -05)

Date of Measurement: 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
120	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, Lakared, River Pink, Orissa Blue or equivalent..(Ground Floor) (Item No 9.24, Vol-2, Page no 63 of PWD								
	Ground Floor								
	office	1	3.05	5.30		16.17			
	Meeting Hall	1	7.20	5.30		38.16			
	Steps	18	1.10	0.15		2.97			
		18	1.10	0.23		4.55			
		1	2.10	1.20		2.52			
	Skirting	2	3.05		0.10	0.61			
		2	5.30		0.12	1.27			
		2	7.20		0.10	1.44			
		2	5.30		0.12	1.27			
	Deduct openings								
	D	2	1.05		0.12	0.25			
	D1	1	0.75		0.12	0.09			
					Present Qty	**69.31**	**Sqm**	**3231.69**	**223973.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

16-11-22

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants.

(PAKAGE NO -05)

Date of Measurement : 16/11/20

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
121	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, Lakared, River Pink, Orissa Blue or equivalent. (First Floor)								
	First Floor								
	Class Room 1	1	6.10	5.300		32.33			
	Class Room 2	1	6.05	5.300		32.07			
	Skirting	2	6.10		0.10	1.22			
		2	5.30		0.12	1.27			
		2	6.05		0.10	1.21			
		2	5.30		0.12	1.27			
	Deduct openings								
	D	2	1.05		0.12	0.25			
	D1	1	0.75		0.12	0.09			
					Present Qty	69.71	Sqm	3261.07	227333.00

Contractor

NEWZEN CONSULTANT Bangalore KSH Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants.

(PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
123	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specificationand directions of the Engineer in charge								
	Grond Floor Steps	18	1.10		0.17	3.37			
		18	1.10		0.25	4.95			
	Landing	1	2.10		1.20	2.52			
	Entrance	1	2.10		1.75	3.68			
					Present Qty	**14.51**	**Sqm**	**4998.41**	**72532.00**

Contractor

NEWZEN CONSULTANT Bangalore KSA Consultant

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
124	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specificationand directions of the Engineer in charge.(Item No 14.51,								
	First Floor Steps	20	1.10		0.15	3.30			
		20	1.10		0.23	5.06			
	Landing	1	2.10		1.20	2.52			
					Present Qty	**10.88**	**Sqm**	**5043.85**	**54878.00**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
125	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete. - Ground Floor (Item No 10 18, Page no 72 of PWD SR 2021-22)								
	Ground Floor								
	Varahanda Wall	2	12.67		3.00	76.02			
	Side wall West Side	1	1.65		3.00	4.95			
	Side wall staircase wall	1	5.40		1.80	9.72			
	Deduct Openings								
	Deduction of Openings								
	D	-2	1.05		2.10	-4.41			
	D1	-1	0.75		2.10	-1.58			
	W	-1	1.80		1.20	-2.16			
	MS Grill for Verandah Front wall								
		-1	2.80		1.00	-2.80			
		-1	2.90		1.00	-2.90			
		-1	2.80		1.00	-2.80			
		-1	2.50		1.00	-2.50			
					Present Qty	71.55	Sqm	3447.06	246620.00

12/12/2022

Executive Engineer
Bengaluru Mahanagara Palike
Yelahanka, Division

Contractor / Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
126	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1 3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc ,								
	External Plastering First Floor								
	Varahanda Wall	2	11.00		3.00	66.00			
	Staircase side walls	1	3.78		1.80	6.80			
		1	2.10		1.80	3.78			
		1	3.78		1.80	6.80			
		1	2.10		1.80	3.78			
		1	3.78		1.80	6.80			
	Deduction of Openings								
	D	-2	1 05		2 10	-4 41			
	W1	-1	1 05		2 10	-2 21			
	First Floor								
	MS Grill for Verandah Front wall								
		-1	2 40		1 60	-3 84			
		-1	2 80		1 60	-4 48			
		-1	2 90		1 60	-4 64			
		-1	2 80		1 60	-4 48			
		-1	2 50		1 60	-4 00			
		-1	2 40		1 60	-3 84			
					Present Qty	**62.08**	**Sqm**	**3447.06**	**213984.00**

12/12/2022

Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka, Division

Asst. Executive Engineer Yelahanka Sub. Divison (BBMP Ynk. Zn) Yelahanka, Bangalore

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer Yelahanka Sub. Divison (BBMP Ynk. Zn) Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
127	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including pointing the joints with white cement and matching pigments etc., complete. (Item No 9.11, Page no 60 of PWD SR 2021-22)								
	Ground Floor Toilet								
	Ladies Toilet	1	1.70	1.30		2.21			
	Urinal	1	1.70	2.20		3.74			
	Jents Toilet	1	1.70	1.30		2.21			
	FF Toilet	1	1.67	1.45		2.42			
	Ground Floor Varahanda	1	12.67	1.60		20.27			
					Present Qty	**30.85**	Sqm		
					Limited To	**11.46**	**Sqm**	**867.09**	**9937.00**

Contractor

NEWZEN CONSULTANT Bangalore ksh Consultant

Assistant Engineer

Asst. Executive Engineer,
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 03/10/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
130	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.(Item No 15.1, Page no 133 of PWD SR 2021-22)								
	First Floor Plastering								
	Toilet	1	1.50	1.65		2.48			
	Terrace	1	12.9	7.5		96.11			
	Deduct	-1	2.40	4.5		-10.80			
					Present Qty	**87.78**	**Sqm**	**850.88**	**74691.00**

Contractor

NEWZEN CONSULTANT Bangalore KSH

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 16/11/22									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
132	Providing Mathi / Nandi wood wrought and putup for purlins, common rafters and similar work including cost of materials, labour, usage charges complete as per specifications. (Item No 12.3, Vol-2, Page no 99 of PWD SR 2021-22)								
	School building Ground floor								
	D	2	6.30	0.13	0.08	0.95			
					Present Qty	**0.95**	Cum		
					Reserve Qty	**0.29**	Cum		
					Release	**0.66**	Cum	**82962.78**	**54756.00**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
133	Providing Mathi / Nandi wood wrought and putup for purlins, common rafters and similar work including cost of materials, labour, usage charges complete as per specifications. (Item No 12.3, Vol-2, Page no 99 of PWD SR 2021-22)								
	School building First Floor								
	D	2	6.30	0.13	0.08	0.95			
					Present Qty	**0.95**	**Sqm**		
					Reserve Qty	**0.50**	**Sqm**		
					Release	**0.45**	**Sqm**	**83716.99**	**37673.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer,
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/24

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
134	Providing and fixing 30 mm thick both side commercial flush door shutter made out of solid core block board type, well seasoned , chemicaly treated hard wood battens and internal frame with minimum 45 mm wide wooden frame alround door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door useing liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991 from manufacturer complete as per specification (Item No 12 57 3, Vol-2, Page no 106 of PWD SR 2021-22)								
	School building Ground floor								
	D	2	1.05		2.10	4.41			
					Present Qty	**4.41**	**Sqm**	**2959.11**	**13050.00**

Contractor

NEWZEN CONSULTANT Bangalore

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
136	UPVC WINDOWS Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (Item No 12.9, Page no 110 of PWD SR 2021-22)								
	School building								
	W	4	1.80		1.20	8.64			
	V	4	0.60		0.60	1.44			
					Present Qty	**10.08**	**Sqm**	**8121.29**	**81863.00**

Contractor

NEWZEN CONSULTANT Bangalore KSh Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
137	UPVC WINDOWS Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The								
	School building First Floor								
	W	5	1.80		1.20	10.80			
	W1	1	1.05		1.20	1.26			
	V	1	0.60		0.60	0.36			
					Present Qty	**12.42**	Sqm	**8195.12**	**101784.00**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 18/10/22									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
141	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding (Page no-85, Vol-2, Item No-11.34A of PWD SR 2021-22) - First Floor								
	School building First Floor								
	W	5	1.80		1.20	10.80			
	W1	1	1.05		1.20	1.26			
	V	1	0.60		0.60	0.36			
						12.42			
	Window Grill 25 Kg/Sqm					310.50			
					Present Qty	**310.50**	**Kg**	**148.28**	**46041.00**

Contractor

NEWZEN CONSULTANT Bangalore ksh

Consultant

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 18/10/22									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
144	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc) including cost of materials, labour, usage charges of machinery complete as per								
	Ground Floor								
	Railings	1	6.90		1.00	6.90			
	13kg/Sqm					89.70			
					Present Qty	**89.70**	**KGS**	**560.86**	**50310.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 6/11/22									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadtl	Depth	Qty	Unit	Rate	Amount
152	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: using White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer(Item No 14.7A, Vol-2, Page no 125 of PWD SR 2021-22)								
	Wash Basins	Nos							
	Ground Floor								
	Gents Toilet	3	1			3.00			
				Present Qty		**3.00**	**Cum**	**4037.09**	**12112.00**

Contractor Consultant Assistant Engineer Asst. Executive Engineer,

NEWZEN CONSULTANT Bangalore

Asst. Executive Engineer Yelahanka Division (BBMP Ynk. Zn) Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 16/11/21									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
154	Providing and fixing P V C waste pipe for sink or wash basin including P.V.C waste fittings complete. 40 mm dia semi rigid (Item No 14.28.1.2, Page no 128 of PWD SR 2021-22)								
	Ground Floor & FF	Nos				3.00			
					Present Qty	**3.00**	Nos	**426.26**	**1279.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 16/11/22									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
155	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and directions of the Engineer in charge.(Item No 14.32.3, Page no 128 of PWD SR 2021-22)								
	Mirror	Nos							
	Bath rooms	3	1			3.00			
					Present Qty	3.00	Nos	974.78	2925.00

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Assistant Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 16/11/17									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
156	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe. -do - 110 mm dia complete as per specifications and directions of the Engineer in charge.								
	PVC Pipes	Nos							
	Rainwater pipes	8	1	8.00		64.00			
	Sanitary Pipes								
	Toilets								
	Verticle Pipes	3	1	12.00		36.00			
	Horizontal Pipe	1	1	10.00		10.00			
					Present Qty	**110.00**	Nos	**667.43**	**73418.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 16/11/22									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
161	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per								
	Inspection Chamber	Nos							
	Brick masonary chamber	4	1			4.00			
						Present Qty 4.00	Nos	9523.45	38094.00

C & E Karnataka

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer,
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/24

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
162	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 5000 Litre capacity) as per Specification and directions of the Engineer in charge. (Item No 13.78, Page no 96 of PWD SR 2018-19)								
	Brass Bib Cock	Nos							
	Toilets	1	1			1.00			
					Present Qty	**1.00**	Nos	**38295.69**	**38296.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 16/11/22									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
163	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge.(Item No 13.2.2, Page no 115 of PWD SR 2020-21)								
	Brass Bib Cock	Nos							
	Toilets	6	1			6.00			
					Present Qty	**6.00**	Nos	**387.00**	**2322.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer,
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 16/11/22									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
164	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge. (Item No 13.3.2, Page no 115 of PWD SR 2021-22)								
	Brass gate valve	Nos							
	Gate Valve	4	1			4.00			
					Present Qty	**4.00**	Nos	**387.00**	**1548.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
165	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (PWD SR 21-22 Vol II Pg no 65 Item No 9.40)								
	Brass gate valve	Nos							
	Gate Valve	4	1			4.00			
					Present Qty	**4.00**	Nos	**592.27**	**2370.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Executive Engineer,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
166	Providing and fixing CUBICLE WORKSTATIONS consisting of wings made out of 75 mm thick MS CRCA powder coated,tile based system for main and return spine, Top tile finish 8 mm thick MDF covered with Fabric of approved colour and one writing board (600 mm W) and one soft board (600 mm W) per workstation, Bottom tile finish 9 mm thick Laminate tile of approved colour, Raceway- one middle raceway (600mm W) below table top per workstation and continous raceway at the skirting level, Wire manager - ABS plastic grommet one number per table,Table top - 25 mm thick PLPB with straight table top End Table 25 mm thick PLPB with straightedge bound Hardware-MS powder coated corner bkt, cantilever bkt, separator hook on bkt, L bkt and Table joint plate., as per specifications, drawings and as directed by Engineer in charge. X TYPE 4 wings. 3 A) Size : 1500 mmW x 1200mm D x 1200 mm ht. complete as per								
	School Building	Nos							
	Gate Valve	2				2.00			
						Present Qty	**2.00**	Nos	**56086.25**	**112173.00**

Contractor

Consultant : NEWZEN CONSULTANT Bangalore

Assistant Engineer

Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 16/11/22									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
167	Providing and fixing CUBICLE WORKSTATIONS consisting of wings made out of 75 mm thick MS CRCA powder coated,tile based system for main and return spine, Top tile finish 8 mm thick MDF covered with Fabric of approved colour and one writing board (600 mm W) and one soft board (600 mm W) per workstation, Bottom tile finish 9 mm thick Laminate tile of approved colour, Raceway- one middle raceway (600mm W) below table top per workstation and continous raceway at the skirting level, Wire manager - ABS plastic grommet one number per table,Table top - 25 mm thick PLPB with straight table top End Table 25 mm thick PLPB with straightedge bound Hardware-MS powder coated corner bkt, cantilever bkt, separator hook on bkt, L bkt and Table joint plate as per specifications drawings and as directed by Engineer in								
	School building	2				2.00			
						Present Qty	**2.00**	**Nos**	**13415.83**	**26832.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 16/11/22									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
168	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and directions of the Engineer in charge. ..(Page no-44, Item No-7.36 of PWD SR 2018-19)								
	Ground Floor								
	MS Grill for Verandah Front wall	1	2.80		1.00	7.80			
		1	2.50		1.00	7.50			
	First Floor								
	MS Grill for Verandah Front wall								
		1	2.90		1.60	9.64			
		1	2.80		1.60	9.48			
		1	2.50		1.60	9.00			
		1	2.40		1.60	8.84			
					Present Qty	**52.26**	**Sqm**		
					Reserve Qty	**9.41**	**Sqm**		
					Release	**42.85**	**Sqm**	**6132.04**	**320461.00**

C&FC Ramanagara

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
169	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications								
	School building Ground Floor								
	W	4	1.8		1.20	8.64			
	V	4	0.6		0.60	1.44			
	MS Grill for Verandah Front wall								
		1	2.80		1.00	7.80			
		1	2.90		1.00	7.90			
		1	2.80		1.00	7.80			
		1	2.50		1.00	7.50			
	CG MS Gate-Ground Floor	1	1.80		2.4	4.32			
					Present Qty	**45.40**	Sqm	**145.82**	**6621.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
Asst. Executive Engineer,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
170	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge (Page no-48, Item No-8.41 of PWD SR 2021-22) - First Floor								
	School building First Floor								
	W	4	1.80		1.20	8.64			
	W1	1	1.05		1.20	1.26			
	V	1	0.60		0.60	0.36			
	MS Grill for Verandah Front wall								
		1	2.40		1.60	8.84			
		1	2.80		1.60	9.48			
		1	2.90		1.60	9.64			
		1	2.80		1.60	9.48			
		1	2.50		1.60	9.00			
		1	2.40		1.60	8.84			
	Head room Door	1	1.20		2.00	7.40			
					Present Qty	**72.94**	Sqm		
					Limited To	**29.34**	Sqm	**147.15**	**4318.00**

C&FC

Remarajeevi

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Remarajeevi

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 8/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
177	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge 19/20mm deep junction box								
	25 mm deep junction box								
		20				20.00			
					Present Qty	**20.00**	Nos	**43.85**	**877.00**

Contractor / Consultant

NEWZEN CONSULTANT Bangalore

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer,
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)									
Date of Measurement : 08/11/22									
Detailed Measurements									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
183	Suplplying and fixing "S" Hook made out of 14mm dia M.S. rod complete as per specifications and directions of the Engineer in charge								
	S Hook	5				5.00			
					Present Qty	**5.00**	Nos	**34.67**	**174.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison
Asst. Executive Engineer,
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 11/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
185	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. complete as per specifications and directions of the Engineer in charge . Medium point above 3Mtrs upto 6Mtr from Tapping point to out let via switch								
	Point wiring using copper wire with switch upto 3-6 mtrs								
		8				8.00			
					Present Qty	**8.00**	Nos	280.43	2244.00

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of

Date of Measurement : 11/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
191	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box complete as per specifications and directions of the Engineer in charge 4 module								
	4 module	12				12 00			
					Present Qty	**12.00**	Nos	**127.47**	**1530.00**

Contractor

NEWZEN CONSULTANT Bangalore KSH Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 11/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
193	Supply box type suitable for 28W T5 single / twin lamp & suspension mounted luminaire and optical reflector. Prewired with HF electronic ballast, push fit type lamp holders and main connectors. Channel cover shall be made of CRCA MS sheet and finishing is done with stone enameled white with end caps made of engineering plastic complete as per specifications and directions of the Engineer in charge a) Electronic Ballast suitable for T5 Lamp 1x24 Watt								
	T5 Lamp 1x24 Watt	12				12.00			
					Present Qty	**12.00**	Nos	**520.07**	**6241.00**

Contractor

NEWZEN CONSULTANT Bangalore ksh Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison
Asst Executive Engineer,
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 11/11/21

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
195	LED Drivers suitable for 5700K LED fitting Outdoor Fixtures 240W 5700K suitable for outdoor LED fitting complete as per specifications and directions of the Engineer in charge								
	5700K LED fitting Outdoor								
		4				4.00			
					Present Qty	**4.00**	Nos	**7716.45**	**30866.00**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
(BBMP Ltd. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 11/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
198	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge Stepped Fan Regulator								
	Stepped Fan Regulator	8				8.00			
					Present Qty	**8.00**	**Nos**	**295.60**	**2365.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison
Asst. Executive Engineer,
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 11/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
201	Fixing a Ceiling/Wall mounting fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. complete as per specifications and directions of the Engineer in charge								
	Ceiling/Wall mounting fan	4				4.00			
					Present Qty	**4.00**	Nos	**152.90**	**612.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Trik. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 11/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
03	Supplying and fixing Moulded Cases Cicuit Breaker (MCCB) over the existing wood/panel/ board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947 (Icu = Ics) complete as per								
	MCCB 250Amps 35kA.	1				1			
					Present Qty	1.00	Nos	15653.16	15654.00

Contractor

NEWZEN CONSULTANT Bangalore

Consultant.

Assistant Engineer

Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 11/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
204	Supplying, fixing wiring earth electrode for gounding conduits, I C Cutouts and other equipments on the meter board using 40mm dia 2 90 thick GI 2 5 mtr long buried in a pit ... the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7 3 3 of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 12 mm dia. complete as per specifications and directions of the Engineer in charge								
	earth electrode	2				2 00			
					Present Qty	**2.00**	Nos	**3058.94**	**6118.00**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yhk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer,

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 14/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
207	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. complete as per specifications and directions of the Engineer in charge 40 mm								
	class A (medium duty) GI pipe	4.00				4.00			
					Present Qty	**4.00**	Nos	**341.60**	**1367.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
(BBMP Ynk. Zn)
Yelahanka. Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 11/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
208	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. complete as per specifications and directions of the Engineer in charge 16 Sqmm								
	L.T. cast Iron pot heads	1				1 00			
					Present Qty	**1.00**	Nos	**275.30**	**276.00**

Contractor

NEWZEN CONSULTANT Bangalore — Consultant

Assistant Engmeer

Asst. Executive Engineer
Asst. Executive Engineer,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
209	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc.complete as per specifications.and directions of the Engineer in charge 32 Amps								
	Porcelain fuse channel	6				6.00			
					Present Qty	**6.00**	Nos	**177.40**	**1065.00**

Contractor

NEWZEN CONSULTANTS Bangalore Consultants

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
210	Supplying and fixing regular MCB distribution boards on well /wood board /flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase /3 phase /single for with powder coated painting etc., complete as per specifications and directions of the Engineer in charge . Single Door b) 8 way SP&N								
	MCB distribution board	2				2.00			
					Present Qty	**2.00**	Nos	**978.90**	**1958.00**

Contractor

Consultant

NEWZEN CONSULTANT Bangalore

Assistant Engineer

Asst. Executive Engineer
Yelahanka Division
Asst. Executive Engineer,
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Date of Measurement : 16/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
214	Meter and panel board : Supply and delivery of meter and panel boarc unit one number of MS box of size 300 x 120 mm size fabricated out of 2 mm thick sheet metal with sealable door arrangement for mounting the CTS (If any) cutouts 3 phase dia 4 wire energy meter and cable box complete A tranperent glass piece should be provided where the energy meter reading could be read b. panel board to operate on 50c /400/400 v (Copy enclosed) complete as per specifications.and directions of the Engineer in charge								
	Meter and panel board	1				1.00			
					Present Qty	**1.00**	Nos	**6760.60**	**6761.00**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer, B. Divison (BBMP Ynk. Zn) Yelahanka, Bangalore

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Date of Measurement : 11/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
215	Earthing supplying and fixing and wiring earth electrode for grounding circuits IC cut outs and other equipment on the meter board in the pit the pits should be filled in with a equal proportion of salt and charcoal 150 mm around the pipe to complete depth the connection from the GI wire of size as per the clause 1, 3.3 of IS 732 using 12 mm bolts nuts washers and check nuts complete (copy enclosed) complete as per specifications and directions of the Engineer in charge								
	Earthing	1				1.00			
					Present Qty	**1.00**	Nos	**1529.30**	**1530.00**

Contractor

Consultant

NEWZEN CONSULTANT Bangalore

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer, SWM Divison (BBMP Ynk. Zn), Yelahanka, Bangalore

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Date of Measurement : 02/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
216	Providing & Installing Pumping Machinery1.50 HP 10.00 Stage with accessiories.								
	For Water supply Purpose	1				1.00			
						Present Qty	**1.00**	**Nos**	**14565.30**	**14566.00**
								Sub Total	**64720277.22**
								GST 18%	**11649649.90**
								Grand Total	**76369927.11**

Contractor

NEWZEN CONSULTANT Bangalore

Assistant Engineer

Executive Engineer,